

Data File : VN061210.D
Acq On : 30 Apr 2020 18:38
Operator : JC/MD
Sample : L2453-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-2

Quant Time: May 01 02:20:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 29 08:14:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	123233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	213613	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	202269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	99313	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	88116	45.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.38%	
35) Dibromofluoromethane	7.55	113	60755	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
50) Toluene-d8	10.06	98	263550	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
62) 4-Bromofluorobenzene	12.38	95	105082	54.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.46%	

Target Compounds						Qvalue
13) Acrolein	3.76	56	11873	68.208	ug/l #	77
14) Allyl chloride	4.36	41	15303	6.348	ug/l #	67
15) Acrylonitrile	5.00	53	6885	8.587	ug/l #	39
16) Acetone	3.76	43	46713	57.693	ug/l #	70
18) Methyl Acetate	4.35	43	10256	4.789	ug/l #	55
20) Methylene Chloride	4.49	84	1107	0.728	ug/l #	1
23) Vinyl Acetate	5.87	43	2618	0.582	ug/l #	75
25) 2-Butanone	6.78	43	6071	5.262	ug/l #	84
26) 2,2-Dichloropropane	6.57	77	2458	0.999	ug/l #	55
30) Chloroform	7.28	83	10074	3.403	ug/l #	18
31) Cyclohexane	7.61	56	121548	42.849	ug/l	95
36) 1,1-Dichloropropene	7.63	75	10741	5.023	ug/l #	61
37) Ethyl Acetate	6.78	43	6071	2.422	ug/l #	71
38) Carbon Tetrachloride	7.63	117	12591	8.445	ug/l #	16
39) Methylcyclohexane	9.05	83	71897	29.981	ug/l	93
41) Methacrylonitrile	7.16	41	3547	3.408	ug/l #	100
43) Isopropyl Acetate	8.11	43	9305	2.237	ug/l #	57
45) 1,2-Dichloropropane	9.04	63	645	0.379	ug/l #	1
47) Bromodichloromethane	9.36	83	2375	1.050	ug/l #	25
48) Methyl methacrylate	9.19	41	2293	1.221	ug/l #	16
51) 4-Methyl-2-Pentanone	9.95	43	650	0.265	ug/l #	38
52) Toluene	10.13	92	908	0.237	ug/l	90
55) 1,1,2-Trichloroethane	10.50	97	6372	4.163	ug/l #	18
56) Ethyl methacrylate	10.40	69	856	3.030	ug/l #	65
58) 2-Chloroethyl Vinyl ether	9.64	63	350	0.283	ug/l #	49
59) 2-Hexanone	10.58	43	3826	2.147	ug/l	66
67) Ethyl Benzene	11.49	91	447771	59.615	ug/l	100
68) m/p-Xylenes	11.59	106	460049	167.335	ug/l	97
69) o-Xylene	11.92	106	167358	63.373	ug/l	95
70) Styrene	11.92	104	8550	1.934	ug/l #	1
73) Isopropylbenzene	12.22	105	237331	32.507	ug/l	100
76) 1,2,3-Trichloropropane	12.56	75	5324	2.543	ug/l #	100
78) n-propylbenzene	12.57	91	818523	94.520	ug/l	99
79) 2-Chlorotoluene	12.63	91	202081	39.702	ug/l #	43

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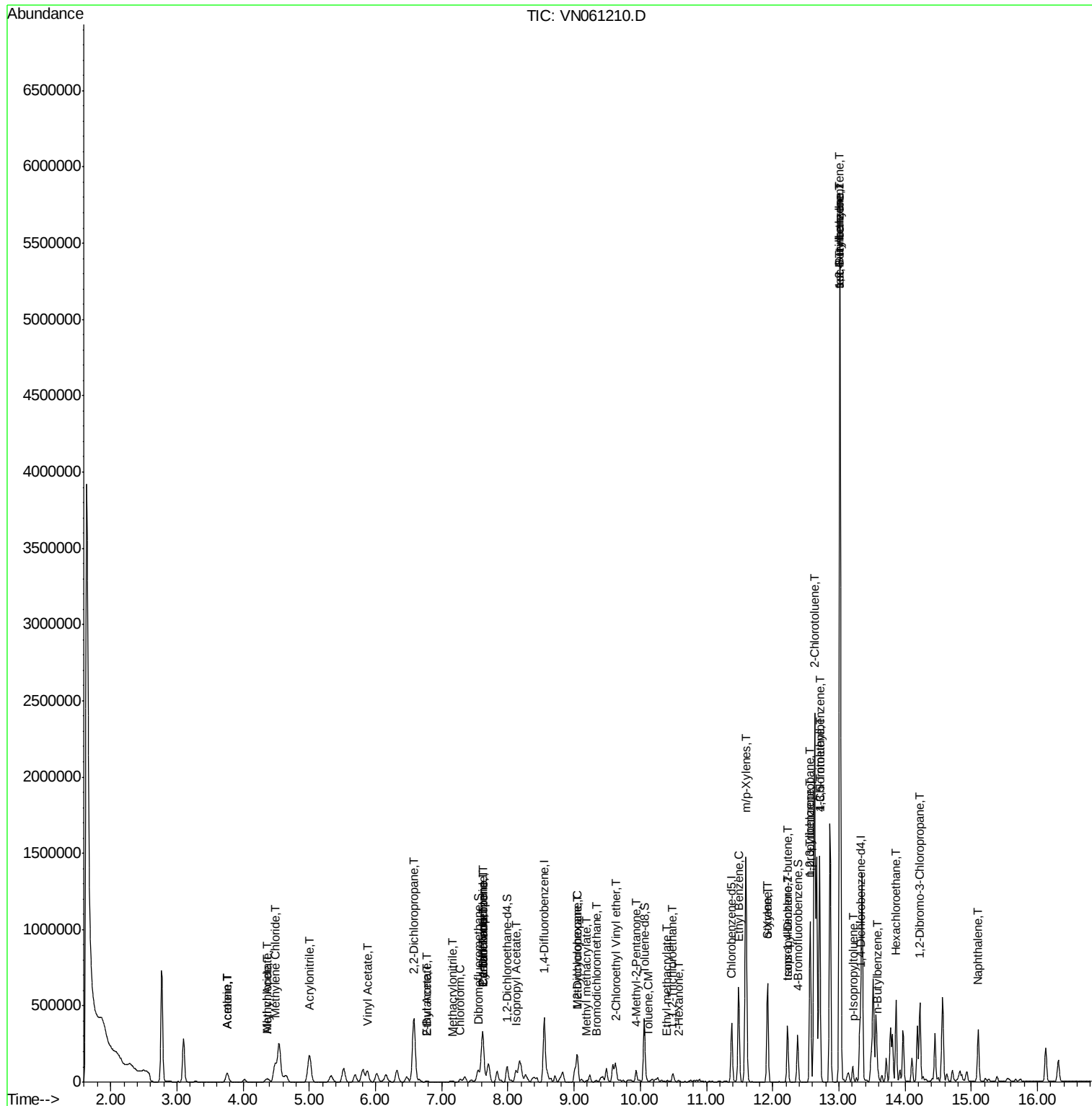
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	12.71	105	787680	130.352	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.22	75	2848	3.454	ug/l #	58
82) 4-Chlorotoluene	12.71	91	85386	15.916	ug/l #	43
83) tert-Butylbenzene	13.01	119	388485	76.244	ug/l #	64
84) 1,2,4-Trimethylbenzene	13.01	105	3006055	482.850	ug/l	95
85) sec-Butylbenzene	13.01	105	3006055	432.727	ug/l #	58
86) p-Isopropyltoluene	13.21	119	56730	9.064	ug/l	97
89) n-Butylbenzene	13.59	91	30887	5.383	ug/l #	59
90) Hexachloroethane	13.86	117	26941	42.599	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	14.22	75	2334	4.854	ug/l #	7
95) Naphthalene	15.10	128	274378	46.506	ug/l	99

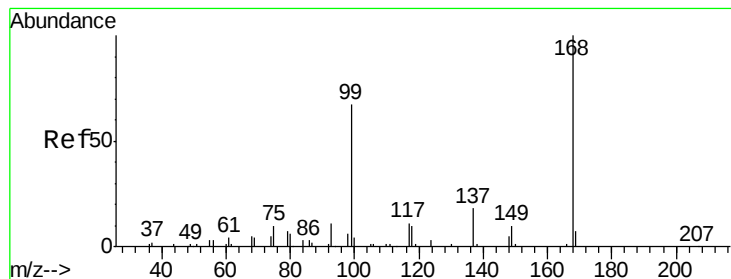
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061210.D

Acq: 30 Apr 2020 18:38

Instrument :

MSVOA_N

ClientSampled :

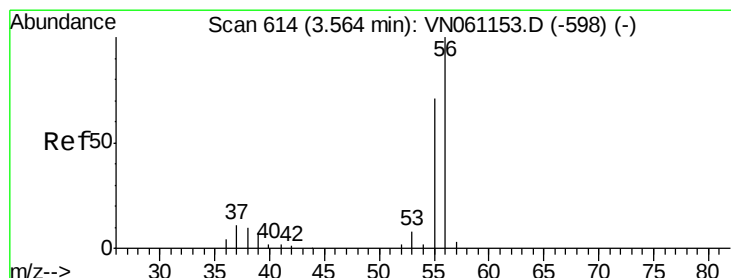
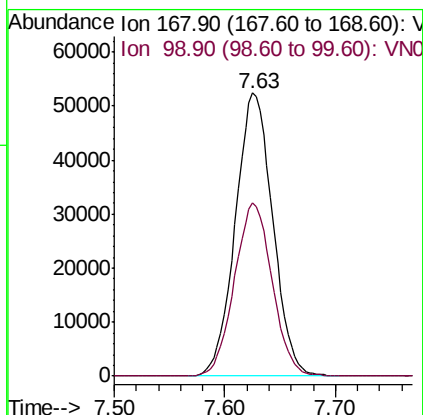
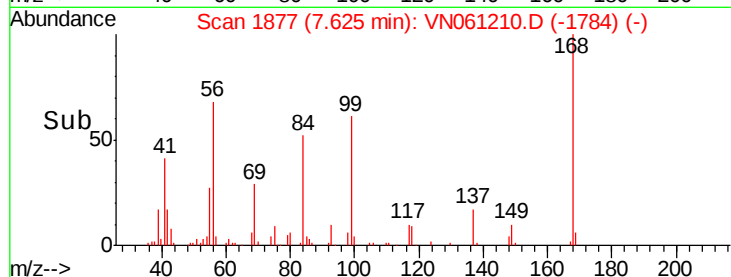
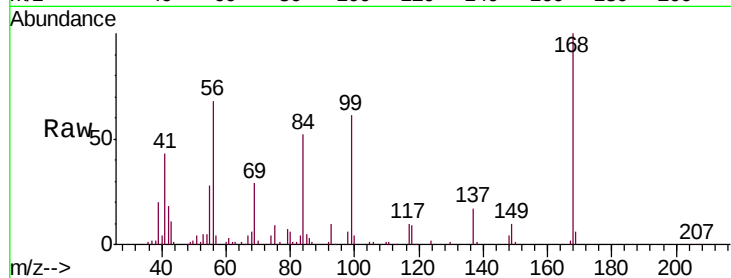
MW-2

Tgt Ion: 168 Resp: 123233

Ion Ratio Lower Upper

168 100

99 61.0 51.2 76.8



#13

Acrolein

Concen: 68.208 ug/l

RT: 3.76 min Scan# 674

Delta R.T. 0.19 min

Lab File: VN061210.D

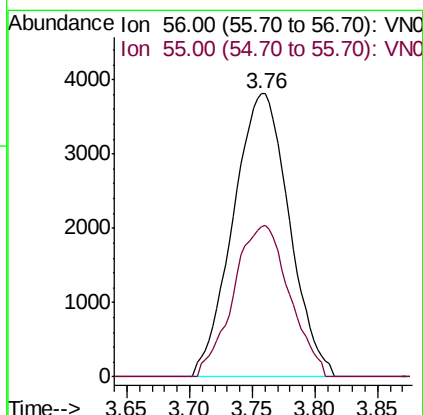
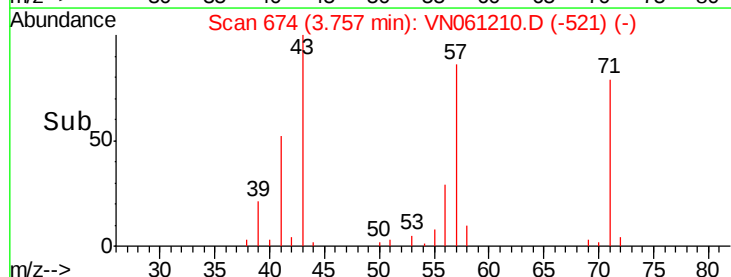
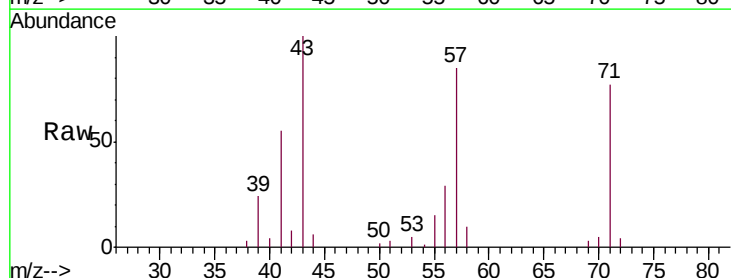
Acq: 30 Apr 2020 18:38

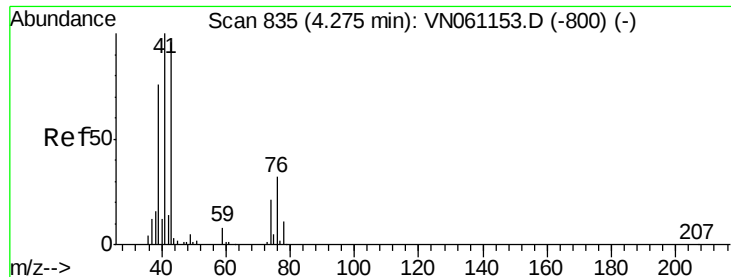
Tgt Ion: 56 Resp: 11873

Ion Ratio Lower Upper

56 100

55 53.4 58.5 87.7#





#14

Allyl chloride

Concen: 6.348 ug/l

RT: 4.36 min Scan# 860

Delta R.T. 0.08 min

Lab File: VN061210.D

Acq: 30 Apr 2020 18:38

Instrument :

MSVOA_N

ClientSampleId :

MW-2

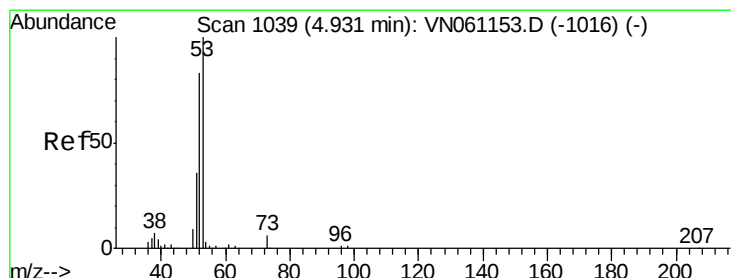
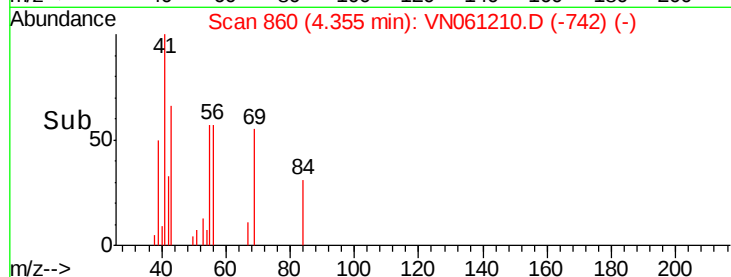
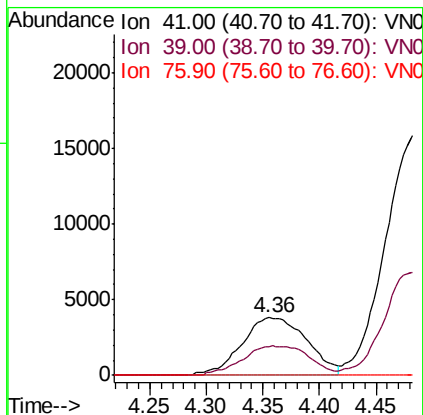
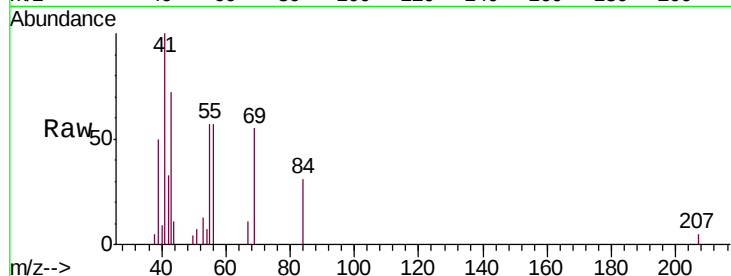
Tgt Ion: 41 Resp: 15303

Ion Ratio Lower Upper

41 100

39 52.3 57.1 85.7#

76 0.0 24.3 36.5#



#15

Acrylonitrile

Concen: 8.587 ug/l

RT: 5.00 min Scan# 1060

Delta R.T. 0.07 min

Lab File: VN061210.D

Acq: 30 Apr 2020 18:38

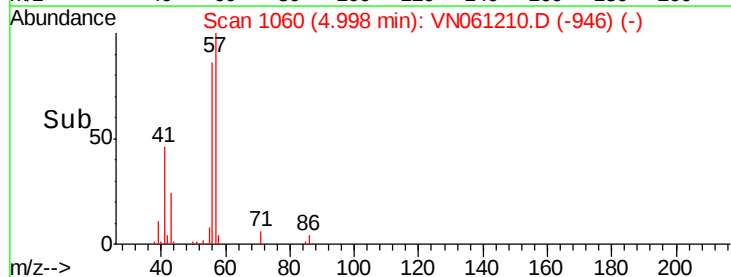
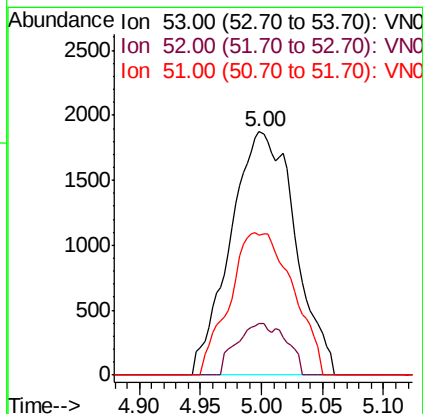
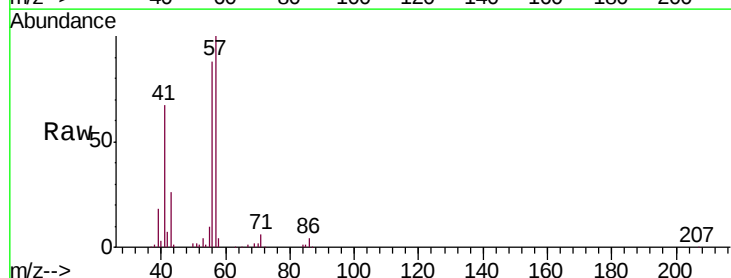
Tgt Ion: 53 Resp: 6885

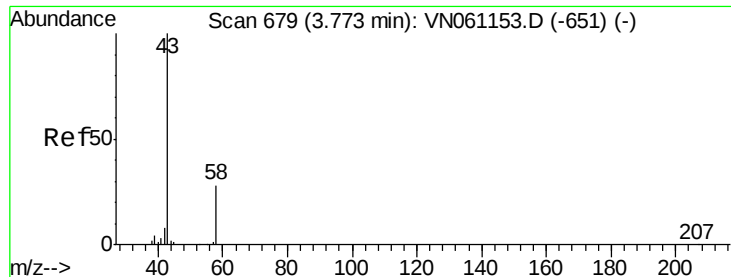
Ion Ratio Lower Upper

53 100

52 16.3 65.4 98.0#

51 57.1 29.5 44.3#





#16

Acetone

Concen: 57.693 ug/l

RT: 3.76 min Scan# 676

Delta R.T. -0.01 min

Lab File: VN061210.D

Acq: 30 Apr 2020 18:38

Instrument :

MSVOA_N

ClientSampled :

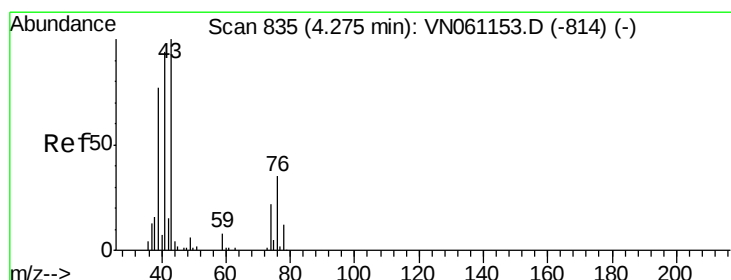
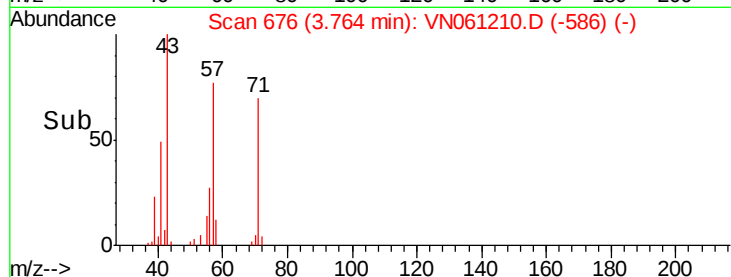
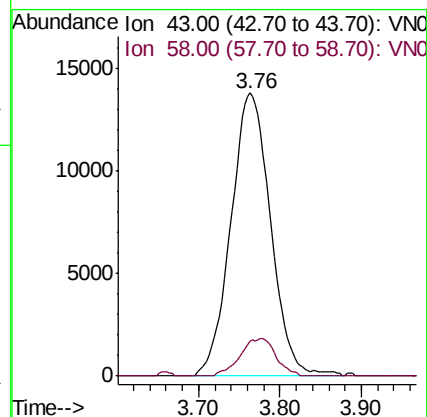
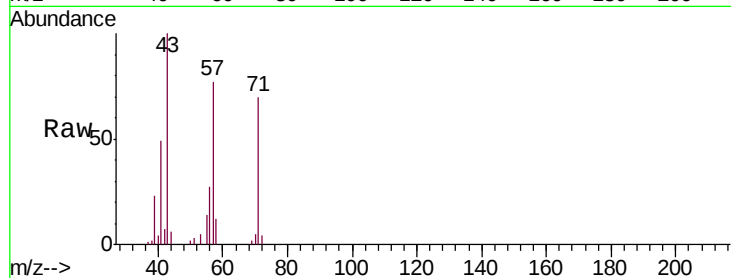
MW-2

Tgt Ion: 43 Resp: 46713

Ion Ratio Lower Upper

43 100

58 12.2 22.2 33.2#



#18

Methyl Acetate

Concen: 4.789 ug/l

RT: 4.35 min Scan# 859

Delta R.T. 0.08 min

Lab File: VN061210.D

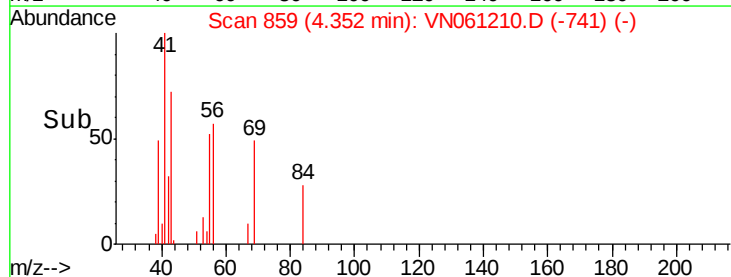
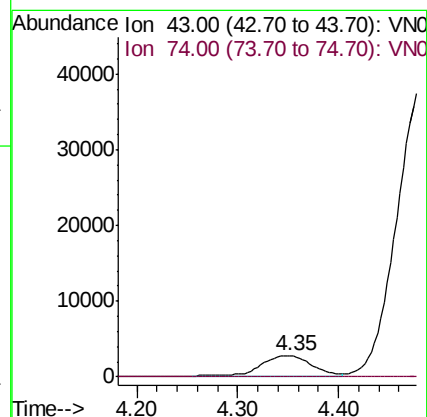
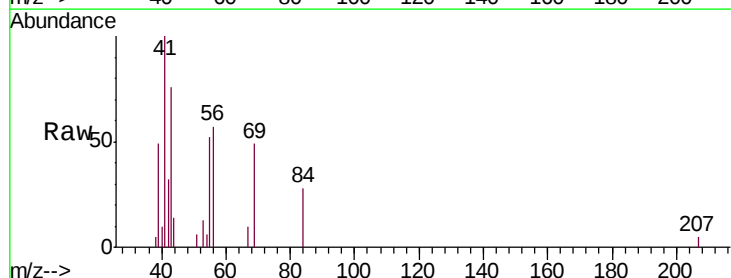
Acq: 30 Apr 2020 18:38

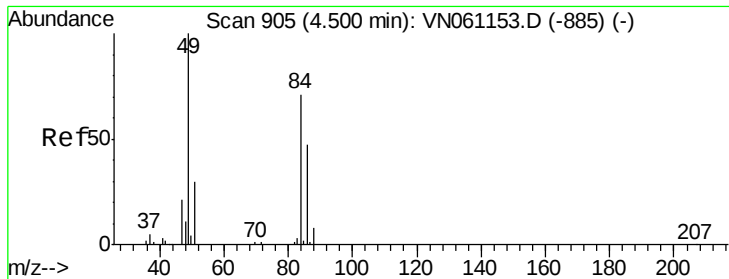
Tgt Ion: 43 Resp: 10256

Ion Ratio Lower Upper

43 100

74 0.0 17.0 25.4#





#20

Methylene Chloride

Concen: 0.728 ug/l

RT: 4.49 min Scan# 903

Delta R.T. -0.01 min

Lab File: VN061210.D

Acq: 30 Apr 2020 18:38

Instrument :

MSVOA_N

ClientSampleId :

MW-2

Tgt Ion: 84 Resp: 1107

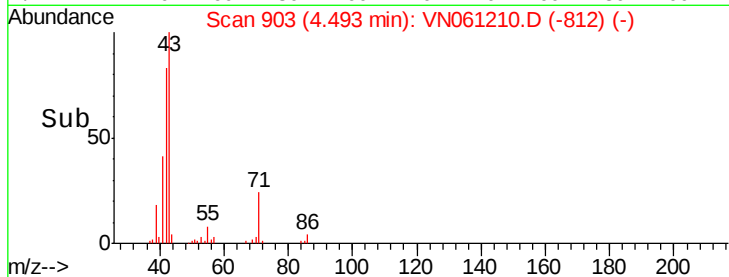
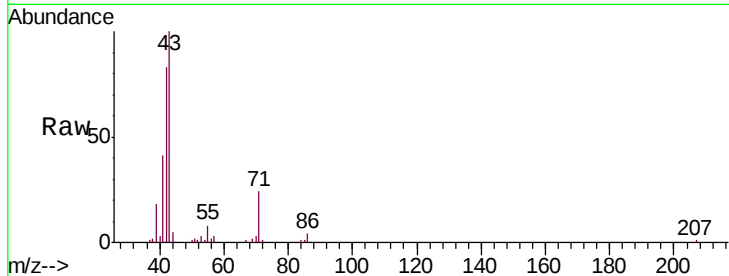
Ion Ratio Lower Upper

84 100

49 41.8 112.0 168.0#

51 96.8 33.6 50.4#

86 292.3 52.1 78.1#

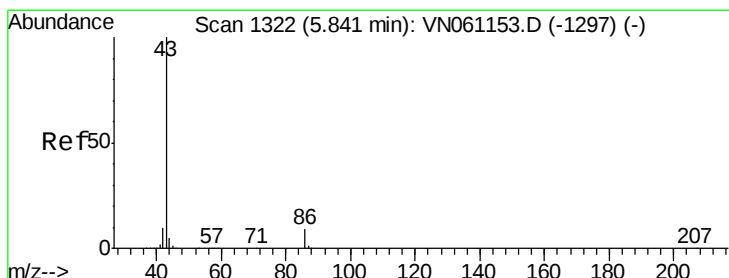
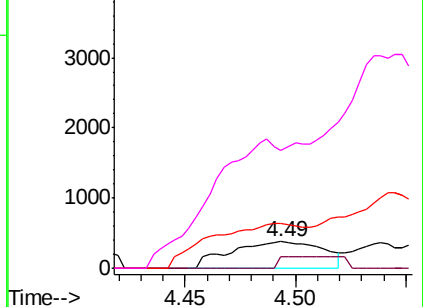


Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO



#23

Vinyl Acetate

Concen: 0.582 ug/l

RT: 5.87 min Scan# 1332

Delta R.T. 0.03 min

Lab File: VN061210.D

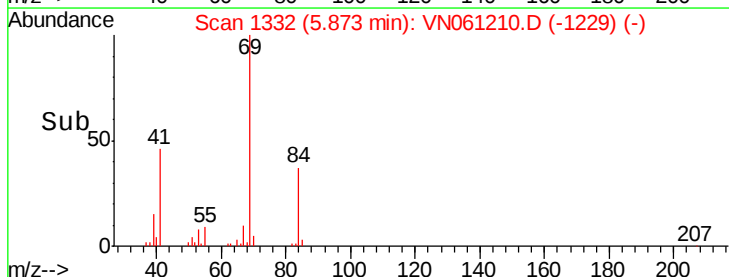
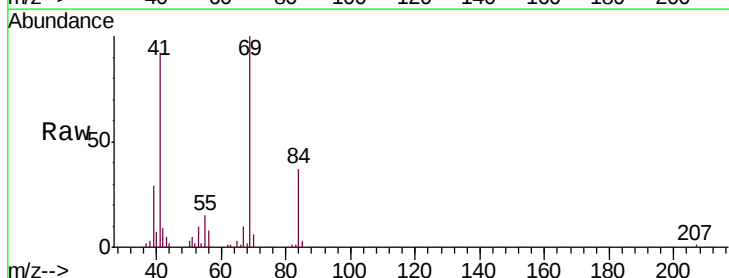
Acq: 30 Apr 2020 18:38

Tgt Ion: 43 Resp: 2618

Ion Ratio Lower Upper

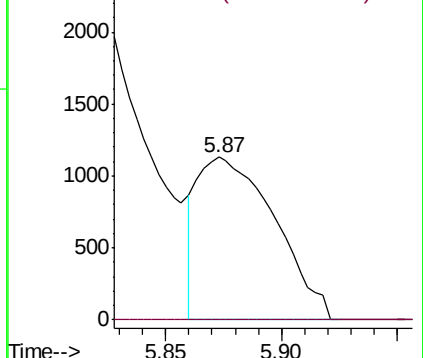
43 100

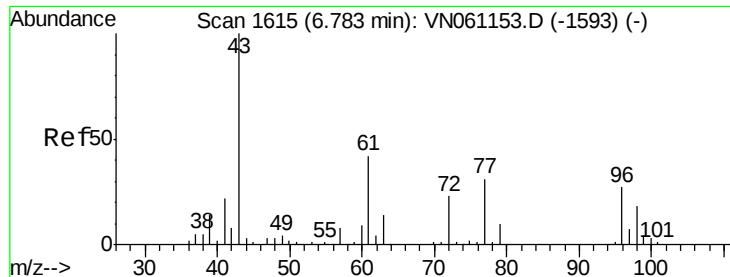
86 0.0 7.2 10.8#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 86.00 (85.70 to 86.70): VNO

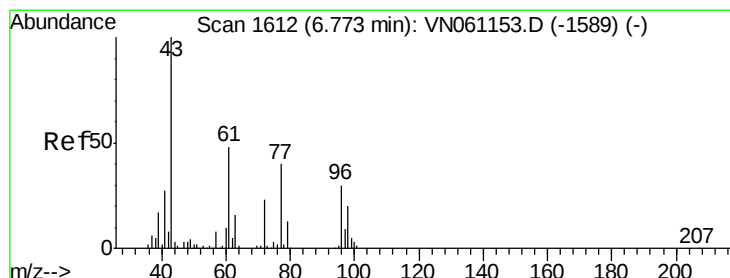
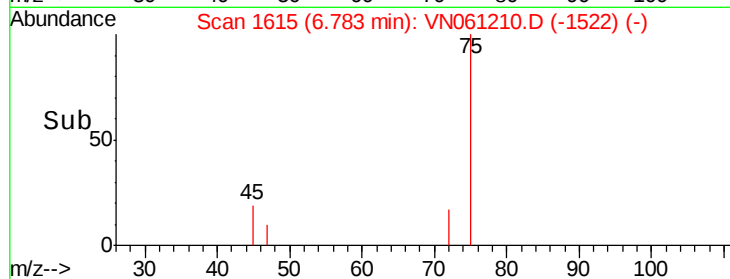
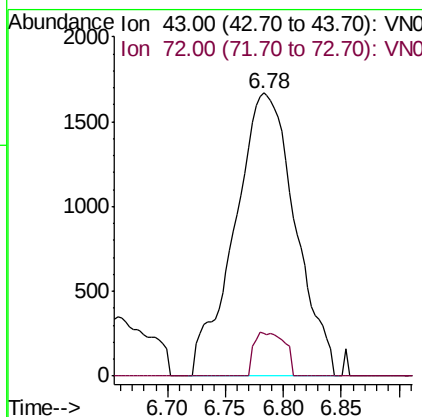
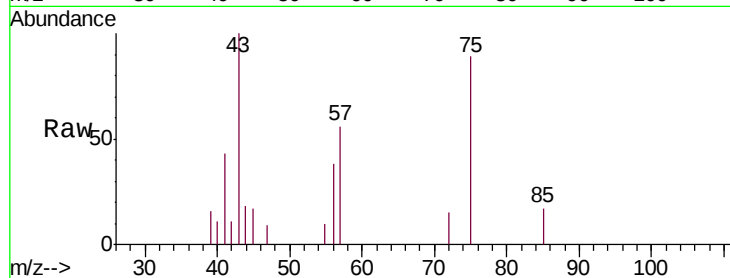




#25
 2-Butanone
 Concen: 5.262 ug/l
 RT: 6.78 min Scan# 1615
 Delta R.T. 0.00 min
 Lab File: VN061210.D
 Acq: 30 Apr 2020 18:38

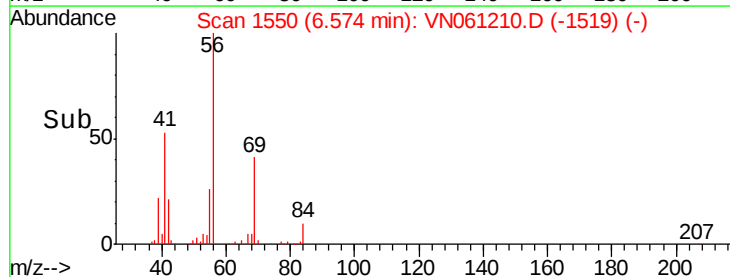
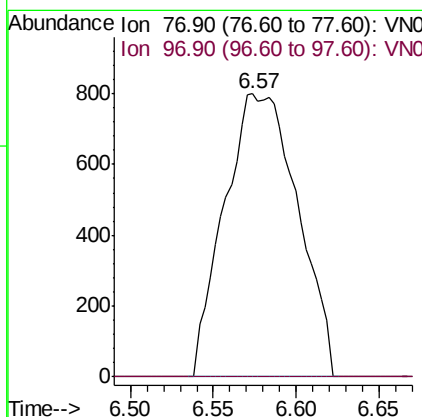
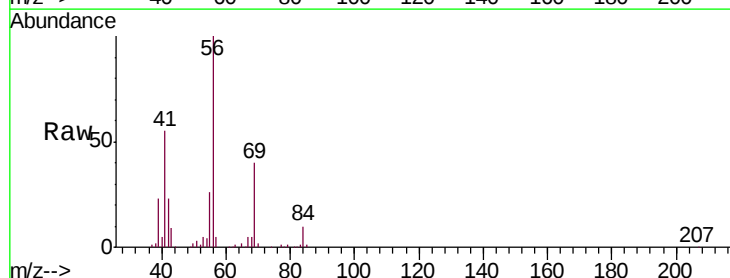
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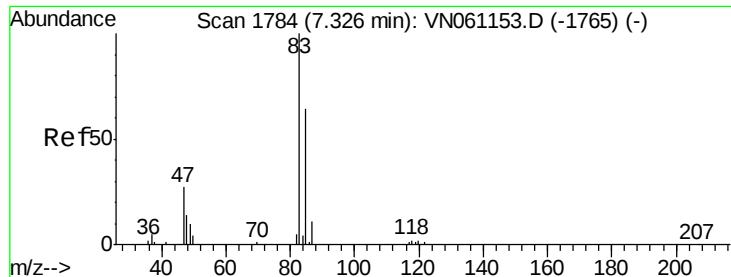
Tgt Ion: 43 Resp: 6071
 Ion Ratio Lower Upper
 43 100
 72 15.0 18.2 27.4#



#26
 2,2-Dichloropropane
 Concen: 0.999 ug/l
 RT: 6.57 min Scan# 1550
 Delta R.T. -0.20 min
 Lab File: VN061210.D
 Acq: 30 Apr 2020 18:38

Tgt Ion: 77 Resp: 2458
 Ion Ratio Lower Upper
 77 100
 97 0.0 10.5 31.5#

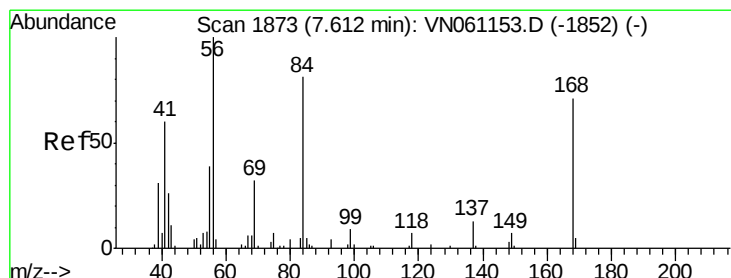
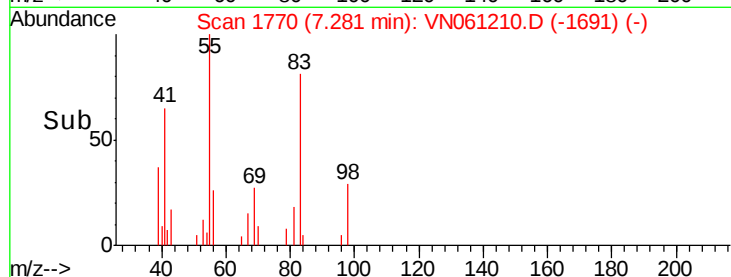
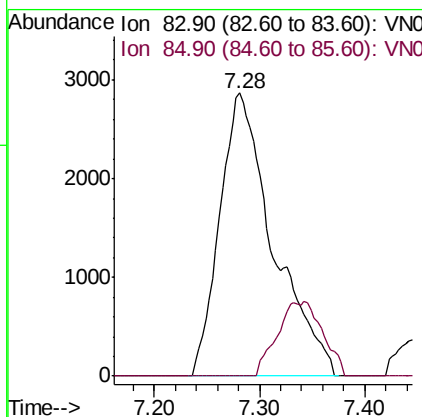
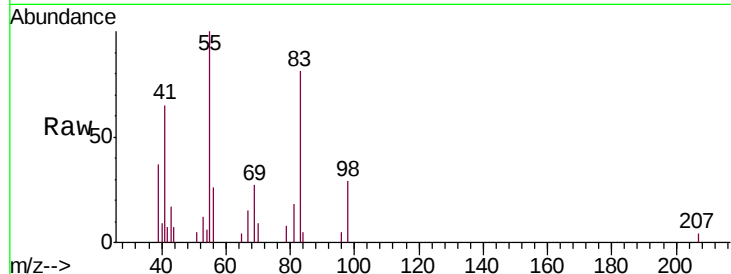




#30
Chloroform
Concen: 3.403 ug/l
RT: 7.28 min Scan# 1770
Delta R.T. -0.04 min
Lab File: VN061210.D
Acq: 30 Apr 2020 18:38

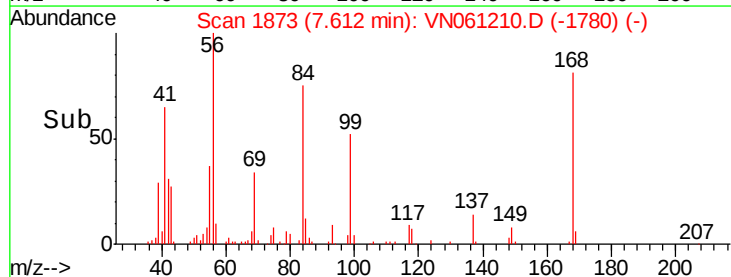
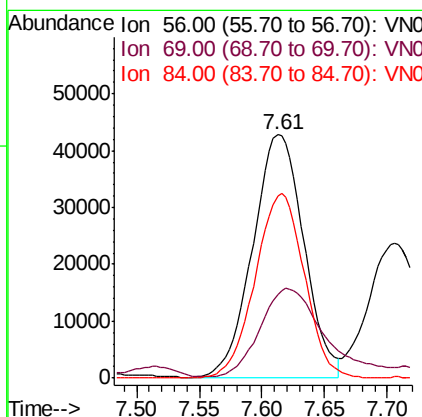
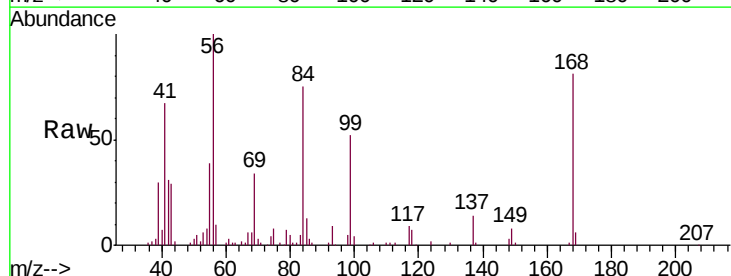
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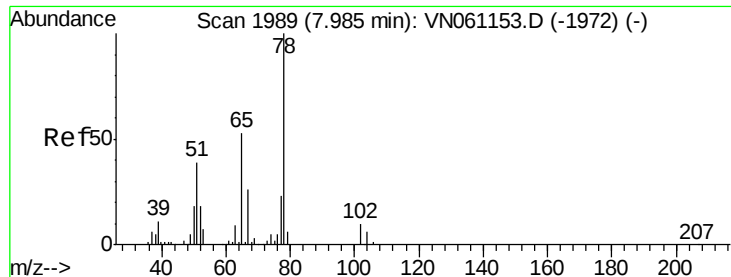
Tgt Ion: 83 Resp: 10074
Ion Ratio Lower Upper
83 100
85 0.0 51.1 76.7#



#31
Cyclohexane
Concen: 42.849 ug/l
RT: 7.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN061210.D
Acq: 30 Apr 2020 18:38

Tgt Ion: 56 Resp: 121548
Ion Ratio Lower Upper
56 100
69 32.9 25.7 38.5
84 74.8 64.6 97.0

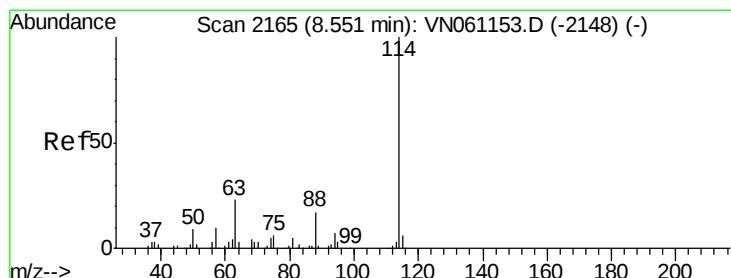
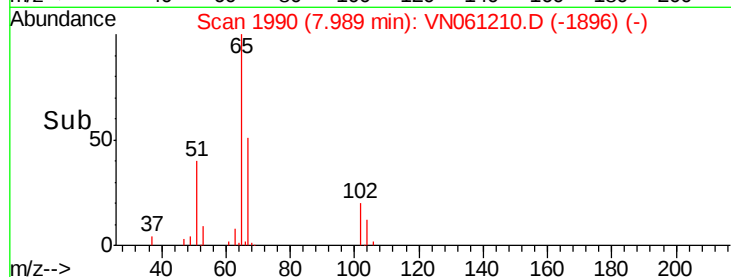
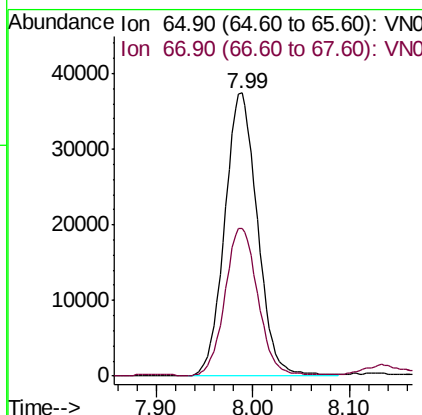
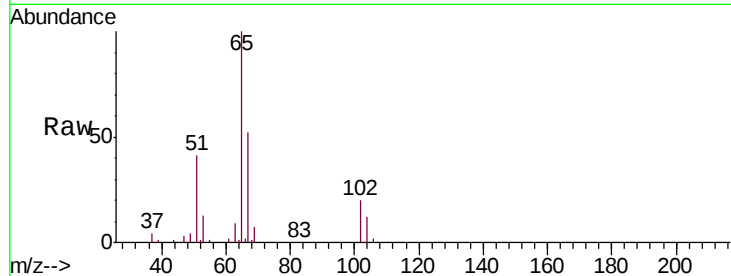




#33
 1,2-Dichloroethane-d4
 Concen: 45.189 ug/l
 RT: 7.99 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN061210.D
 Acq: 30 Apr 2020 18:38

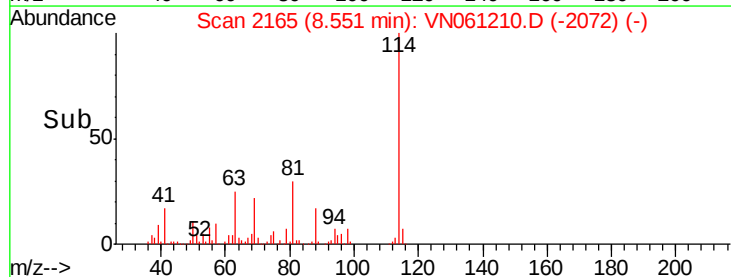
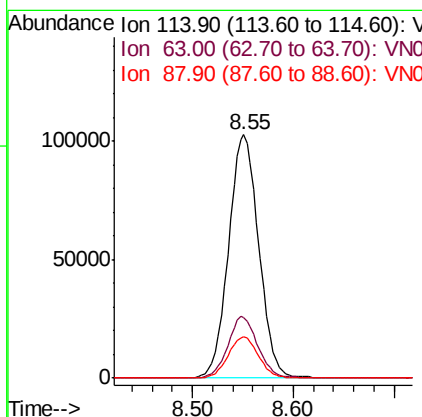
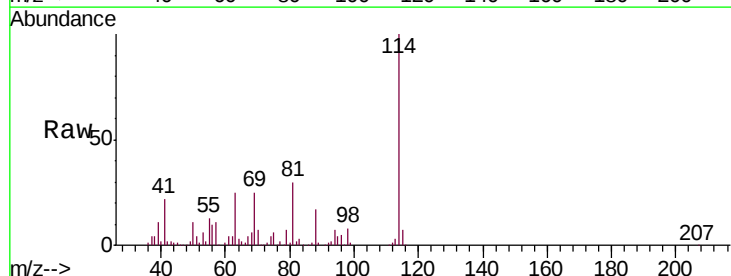
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

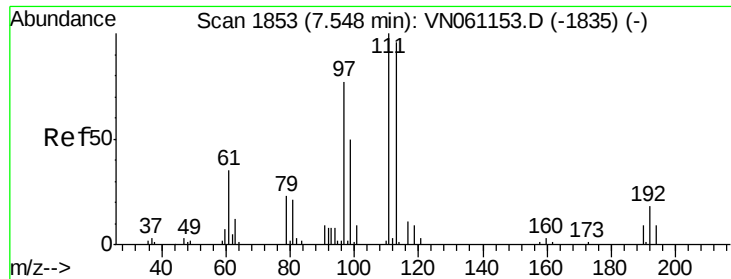
Tgt Ion: 65 Resp: 88116
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061210.D
 Acq: 30 Apr 2020 18:38

Tgt Ion: 114 Resp: 213613
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 46.6
 88 16.8 0.0 33.4

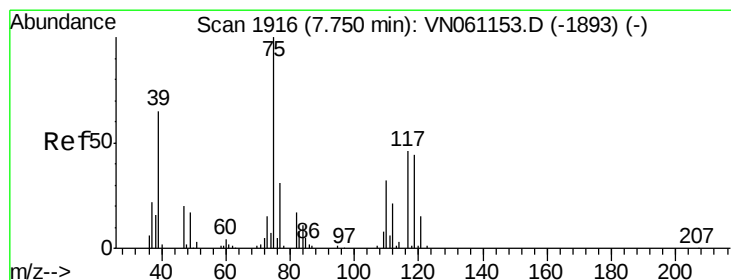
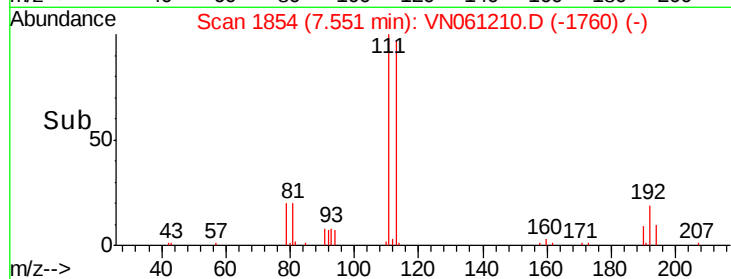
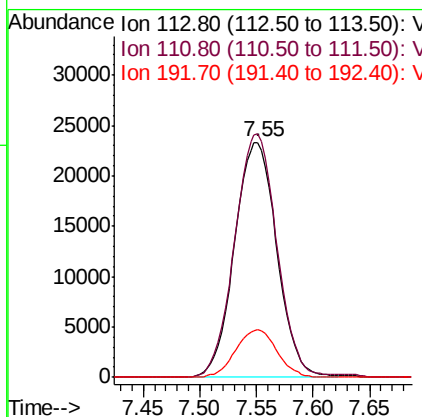
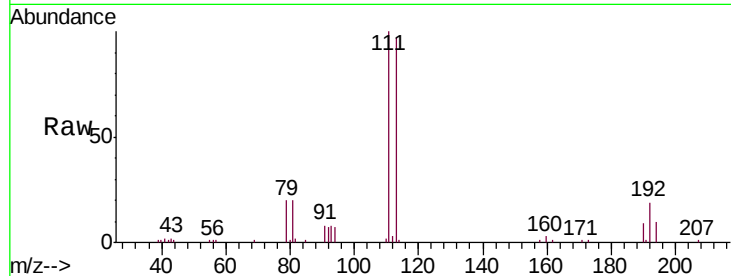




#35
 Dibromofluoromethane
 Concen: 48.098 ug/l
 RT: 7.55 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VN061210.D
 Acq: 30 Apr 2020 18:38

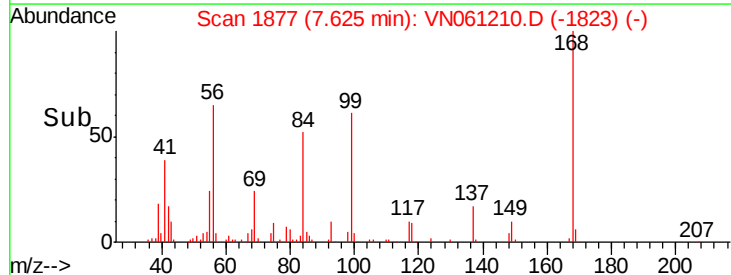
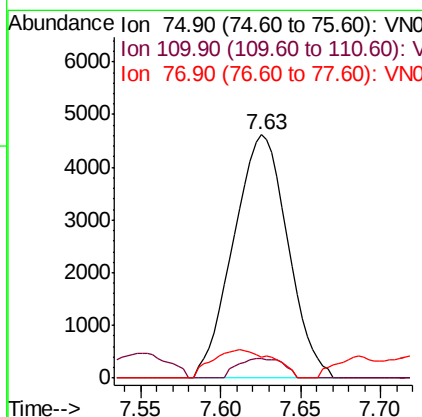
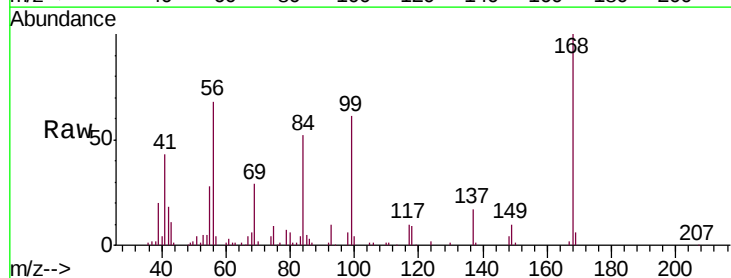
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

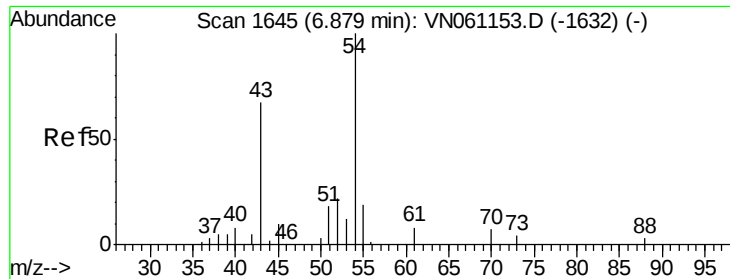
Tgt Ion:113 Resp: 60755
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.9 124.3
 192 19.6 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 5.023 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.13 min
 Lab File: VN061210.D
 Acq: 30 Apr 2020 18:38

Tgt Ion: 75 Resp: 10741
 Ion Ratio Lower Upper
 75 100
 110 6.7 16.0 48.0#
 77 13.1 24.6 37.0#

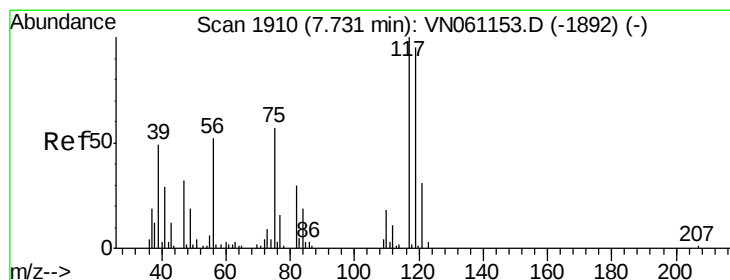
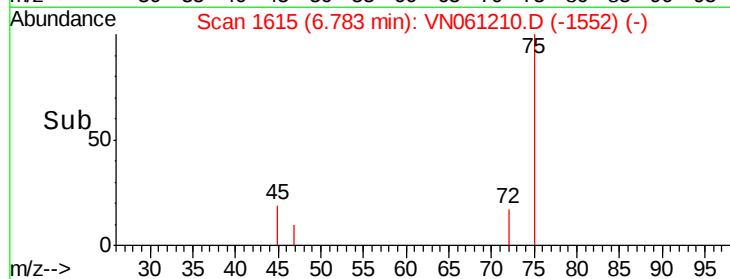
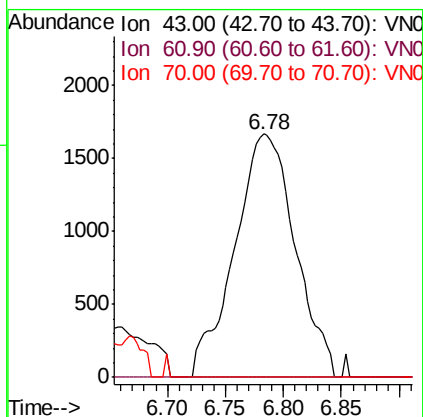
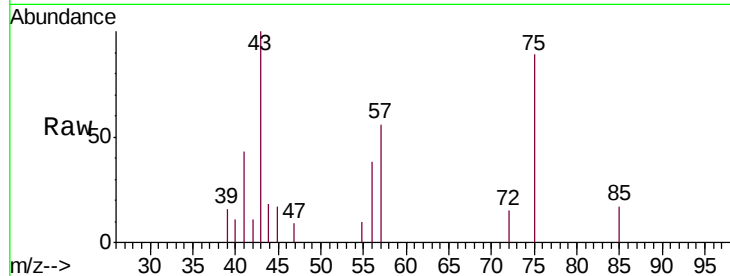




#37
Ethyl Acetate
Concen: 2.422 ug/l
RT: 6.78 min Scan# 1615
Delta R.T. -0.10 min
Lab File: VN061210.D
Acq: 30 Apr 2020 18:38

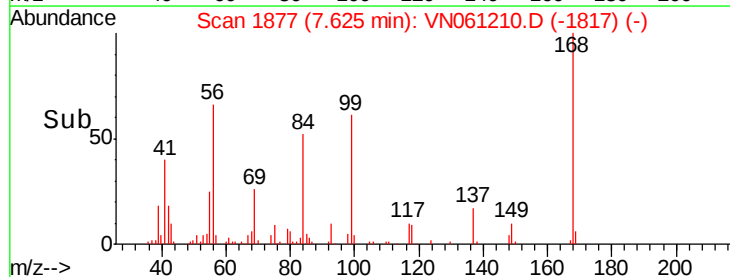
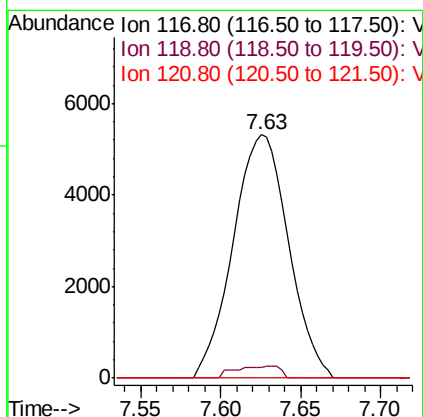
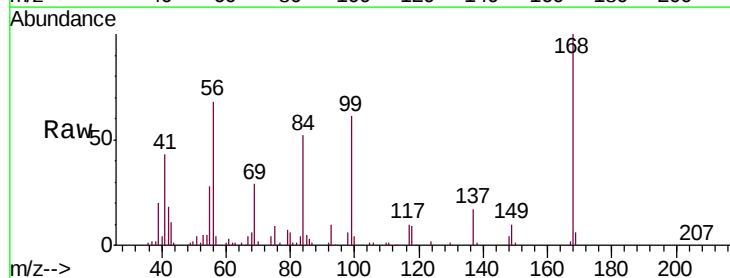
Instrument :
MSVOA_N
ClientSampleId :
MW-2

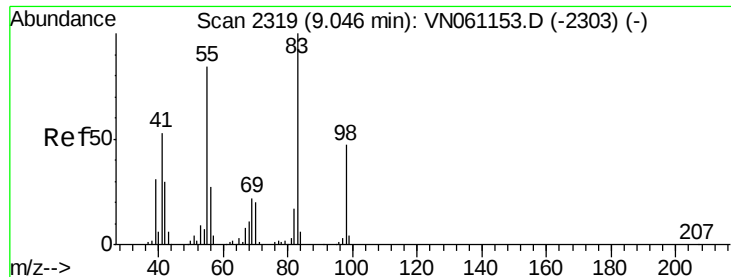
Tgt Ion: 43 Resp: 6071
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.2#
70 0.0 7.2 10.8#



#38
Carbon Tetrachloride
Concen: 8.445 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. -0.11 min
Lab File: VN061210.D
Acq: 30 Apr 2020 18:38

Tgt Ion: 117 Resp: 12591
Ion Ratio Lower Upper
117 100
119 4.6 75.8 113.6#
121 0.0 24.7 37.1#

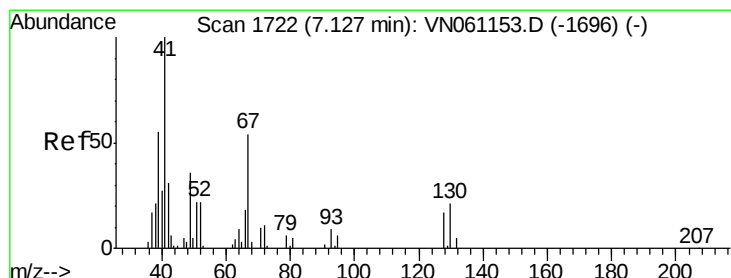
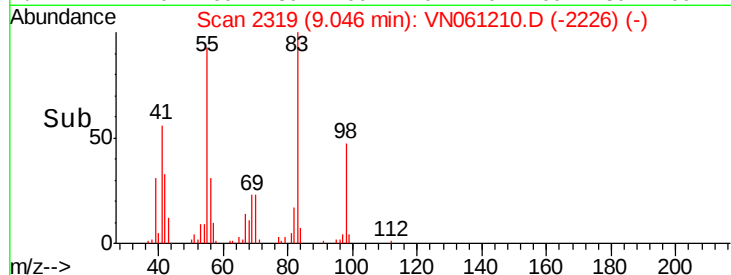
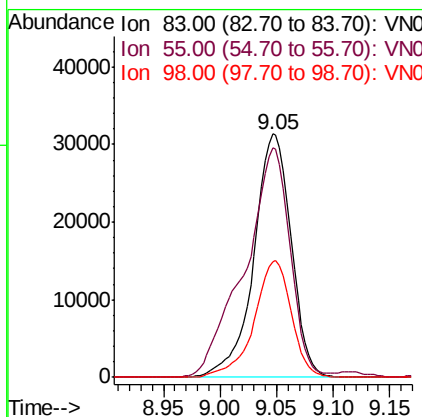
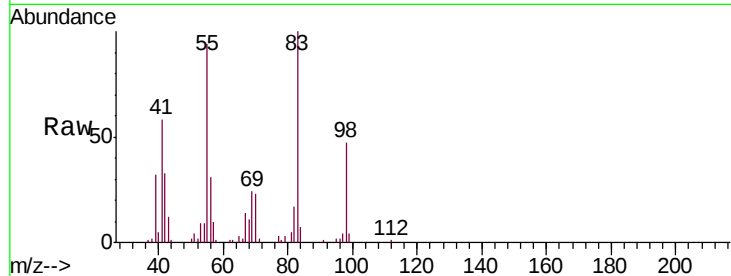




#39
Methylcyclohexane
Concen: 29.981 ug/l
RT: 9.05 min Scan# 2319
Delta R.T. 0.00 min
Lab File: VN061210.D
Acq: 30 Apr 2020 18:38

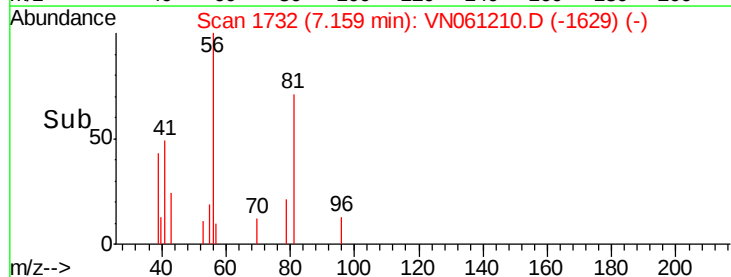
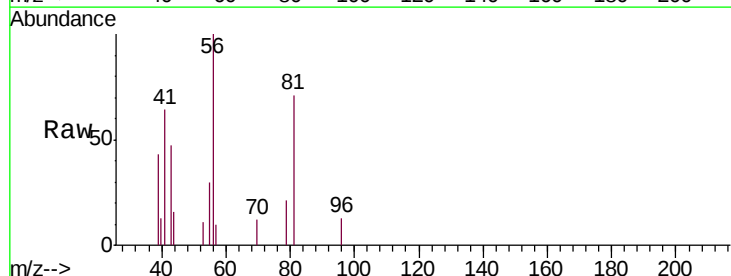
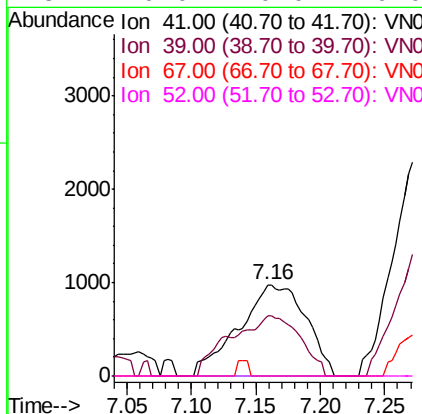
Instrument :
MSVOA_N
ClientSampled :
MW-2

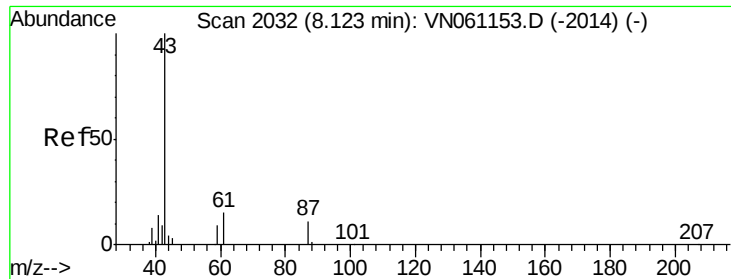
Tgt Ion: 83 Resp: 71897
Ion Ratio Lower Upper
83 100
55 93.6 67.3 100.9
98 47.4 37.7 56.5



#41
Methacrylonitrile
Concen: 3.408 ug/l
RT: 7.16 min Scan# 1732
Delta R.T. 0.03 min
Lab File: VN061210.D
Acq: 30 Apr 2020 18:38

Tgt Ion: 41 Resp: 3547
Ion Ratio Lower Upper
41 100
39 68.8 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

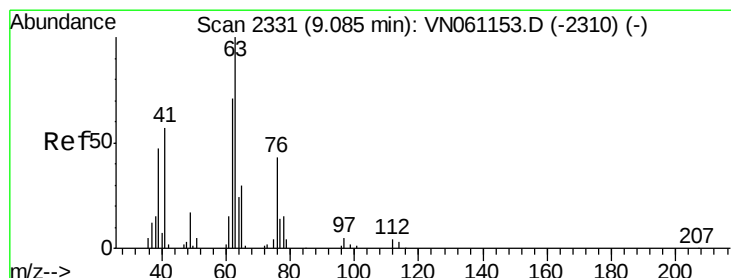
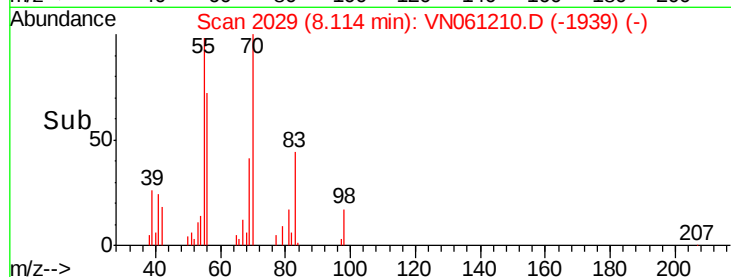
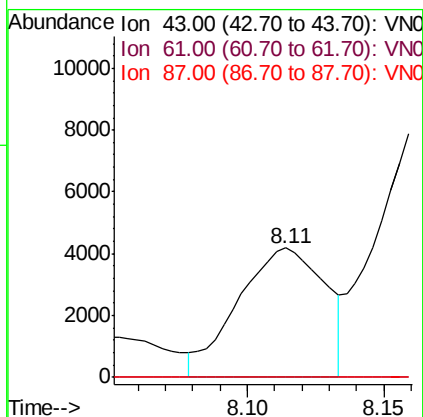
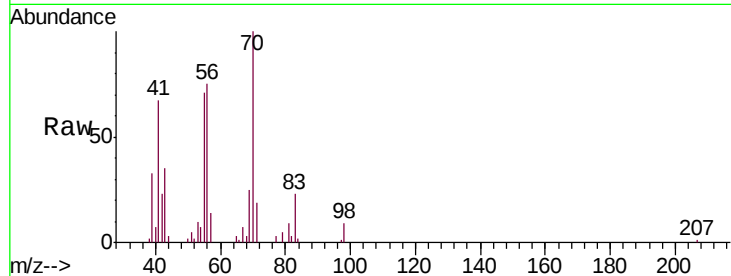




#43
Isopropyl Acetate
Concen: 2.237 ug/l
RT: 8.11 min Scan# 2029
Delta R.T. -0.01 min
Lab File: VN061210.D
Acq: 30 Apr 2020 18:38

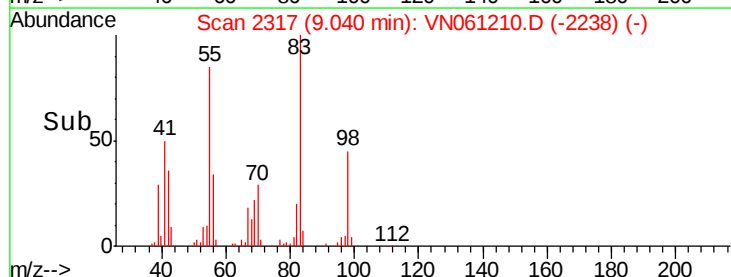
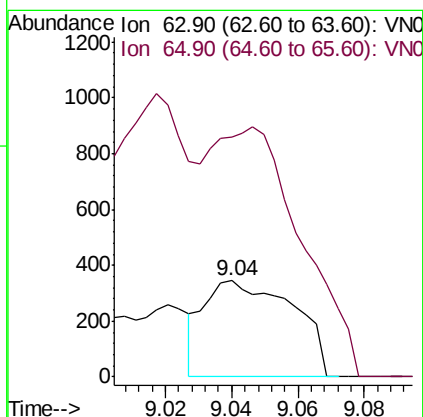
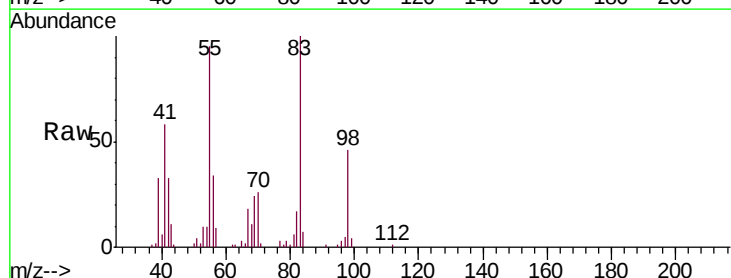
Instrument :
MSVOA_N
ClientSampled :
MW-2

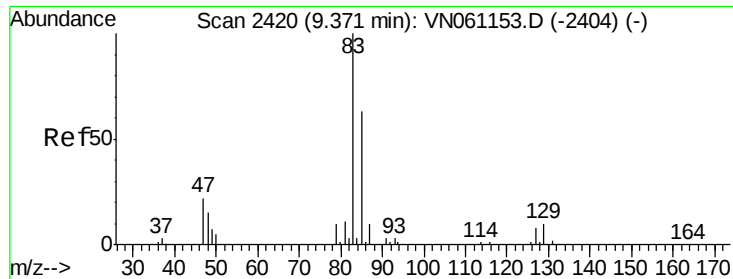
Tgt Ion: 43 Resp: 9305
Ion Ratio Lower Upper
43 100
61 0.0 19.5 29.3#
87 0.0 8.9 13.3#



#45
1,2-Dichloropropane
Concen: 0.379 ug/l
RT: 9.04 min Scan# 2317
Delta R.T. -0.04 min
Lab File: VN061210.D
Acq: 30 Apr 2020 18:38

Tgt Ion: 63 Resp: 645
Ion Ratio Lower Upper
63 100
65 179.1 24.7 37.1#





#47

Bromodichloromethane

Concen: 1.050 ug/l

RT: 9.36 min Scan# 2415

Delta R.T. -0.02 min

Lab File: VN061210.D

Acq: 30 Apr 2020 18:38

Instrument :

MSVOA_N

ClientSampled :

MW-2

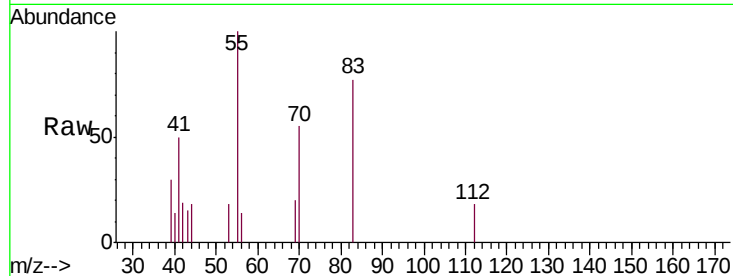
Tgt Ion: 83 Resp: 2375

Ion Ratio Lower Upper

83 100

85 0.0 50.4 75.6#

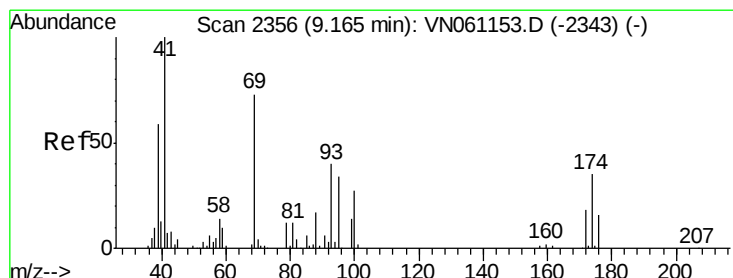
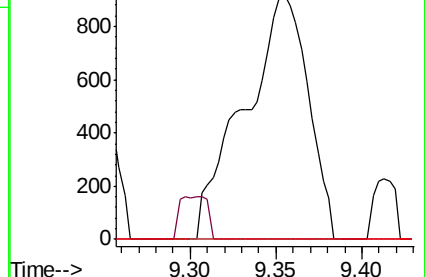
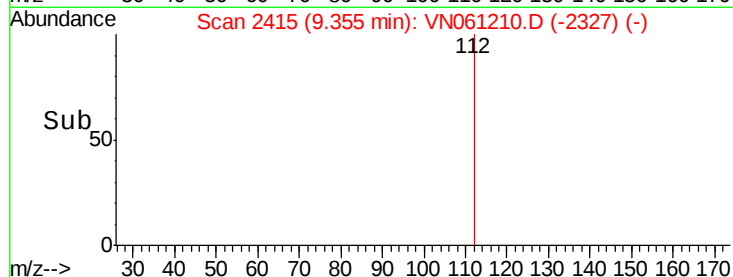
127 0.0 6.2 9.2#



Abundance Ion 82.90 (82.60 to 83.60): VN061210.D (-2327) (-)

Ion 84.90 (84.60 to 85.60): VN061210.D (-2327) (-)

Ion 126.80 (126.50 to 127.50): VN061210.D (-2327) (-)



#48

Methyl methacrylate

Concen: 1.221 ug/l

RT: 9.19 min Scan# 2364

Delta R.T. 0.03 min

Lab File: VN061210.D

Acq: 30 Apr 2020 18:38

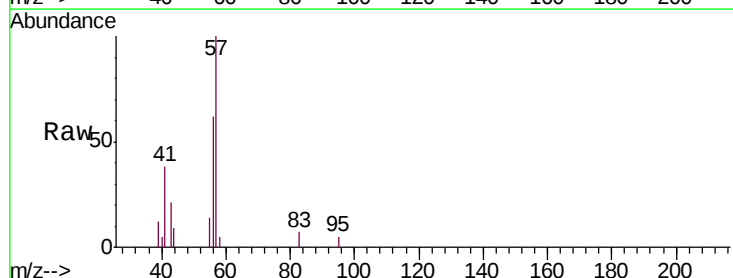
Tgt Ion: 41 Resp: 2293

Ion Ratio Lower Upper

41 100

69 0.0 60.3 90.5#

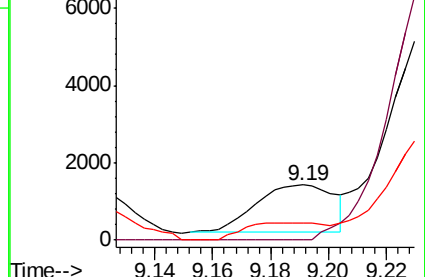
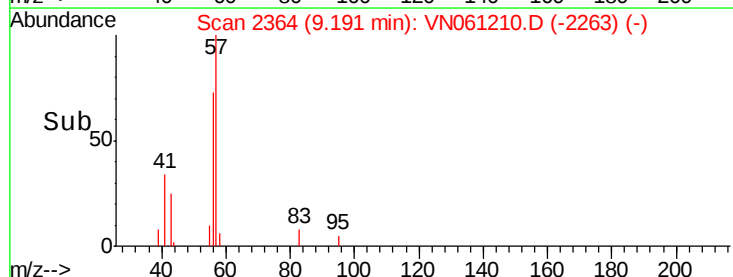
39 0.0 47.4 71.0#

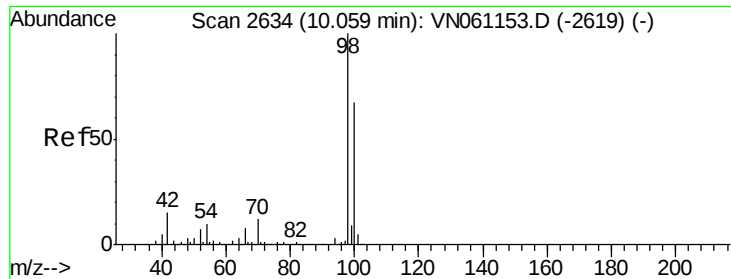


Abundance Ion 41.00 (40.70 to 41.70): VN061210.D (-2263) (-)

Ion 69.00 (68.70 to 69.70): VN061210.D (-2263) (-)

Ion 39.00 (38.70 to 39.70): VN061210.D (-2263) (-)

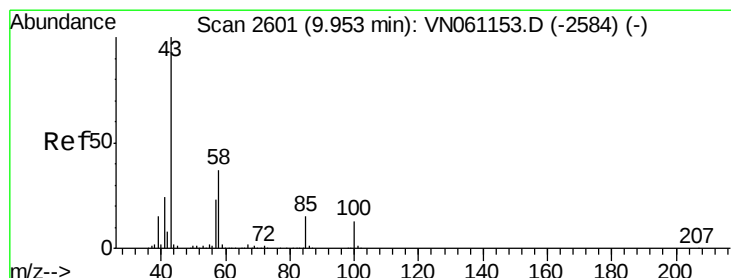
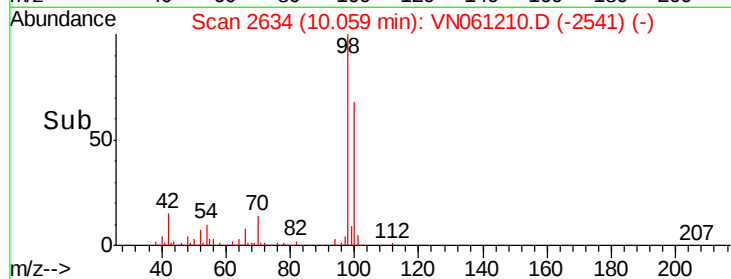
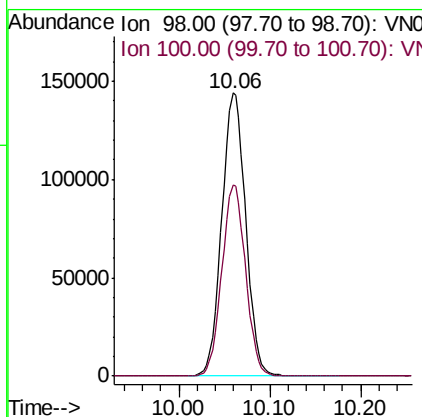
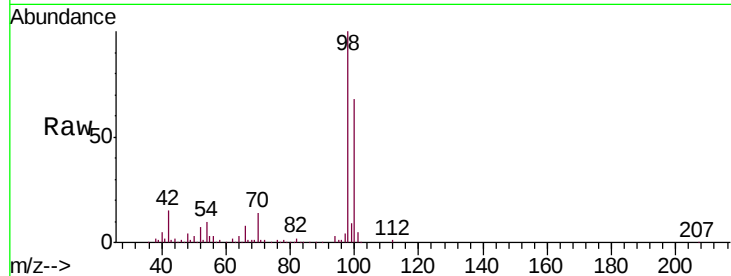




#50
Toluene-d8
Concen: 51.182 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061210.D
Acq: 30 Apr 2020 18:38

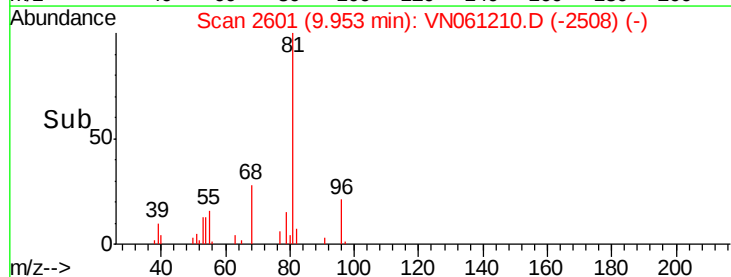
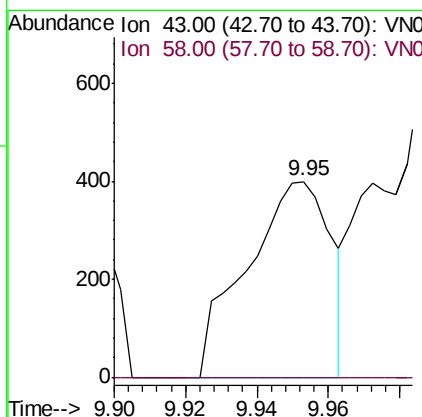
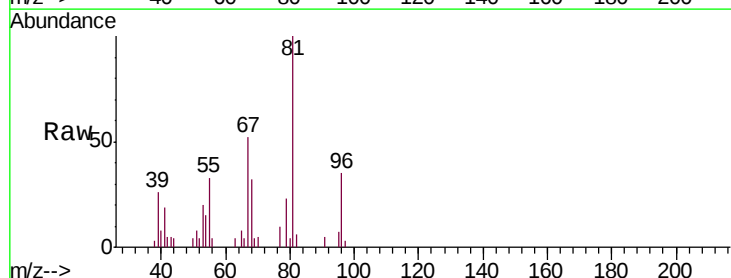
Instrument :
MSVOA_N
ClientSampled :
MW-2

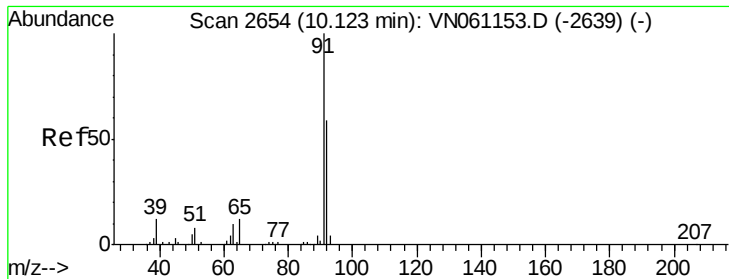
Tgt Ion: 98 Resp: 263550
Ion Ratio Lower Upper
98 100
100 66.8 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 0.265 ug/l
RT: 9.95 min Scan# 2601
Delta R.T. 0.00 min
Lab File: VN061210.D
Acq: 30 Apr 2020 18:38

Tgt Ion: 43 Resp: 650
Ion Ratio Lower Upper
43 100
58 0.0 29.1 43.7#





#52

Toluene

Concen: 0.237 ug/l

RT: 10.13 min Scan# 2655

Delta R.T. 0.00 min

Lab File: VN061210.D

Acq: 30 Apr 2020 18:38

Instrument :

MSVOA_N

ClientSampled :

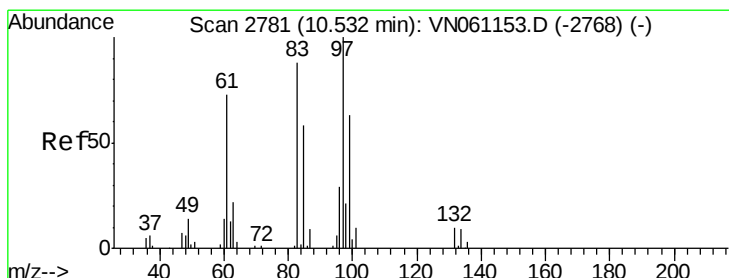
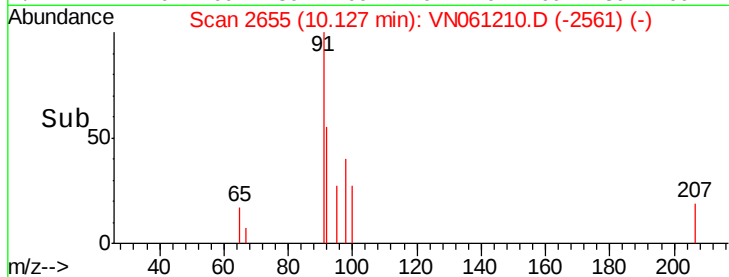
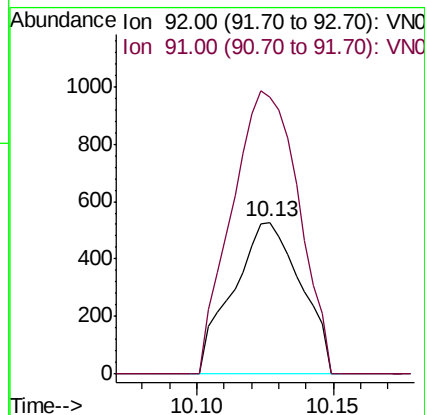
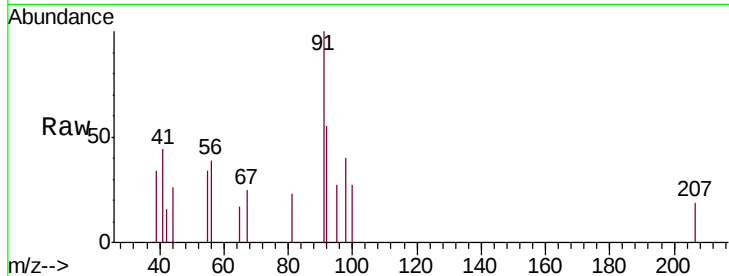
MW-2

Tgt Ion: 92 Resp: 908

Ion Ratio Lower Upper

92 100

91 184.5 136.2 204.2



#55

1,1,2-Trichloroethane

Concen: 4.163 ug/l

RT: 10.50 min Scan# 2771

Delta R.T. -0.03 min

Lab File: VN061210.D

Acq: 30 Apr 2020 18:38

Tgt Ion: 97 Resp: 6372

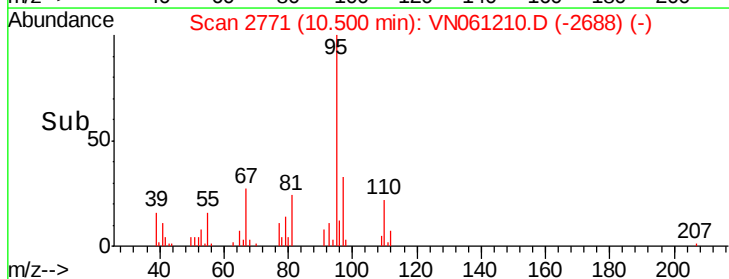
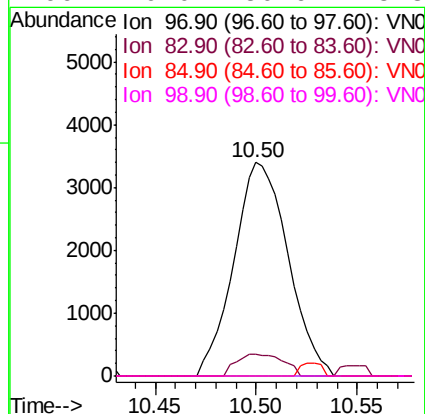
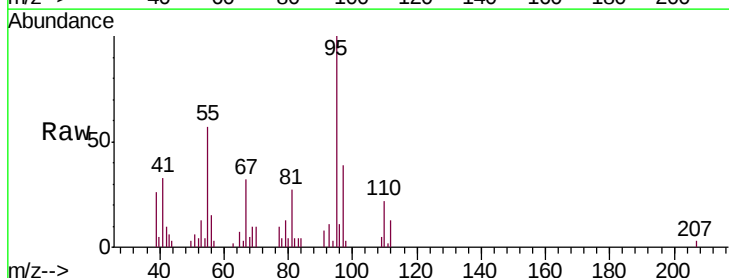
Ion Ratio Lower Upper

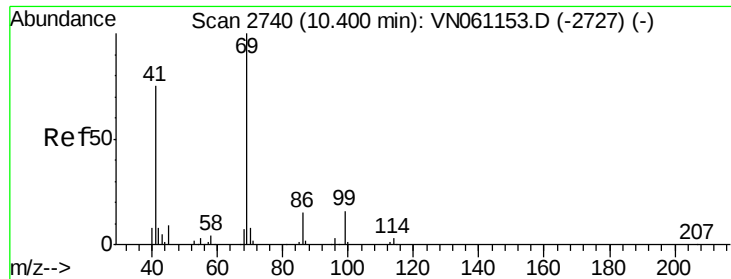
97 100

83 9.9 70.6 106.0#

85 0.0 46.4 69.6#

99 0.0 50.6 75.8#





#56

Ethyl methacrylate

Concen: 3.030 ug/l

RT: 10.40 min Scan# 2739

Delta R.T. -0.00 min

Lab File: VN061210.D

Acq: 30 Apr 2020 18:38

Instrument :

MSVOA_N

ClientSampleId :

MW-2

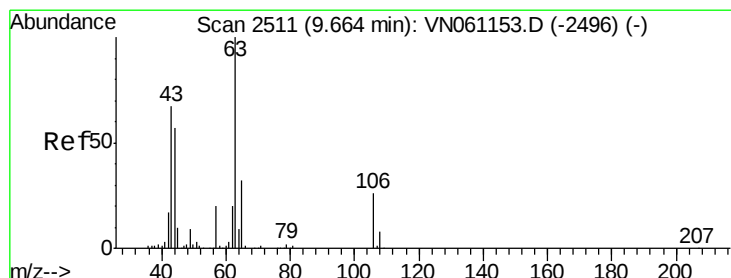
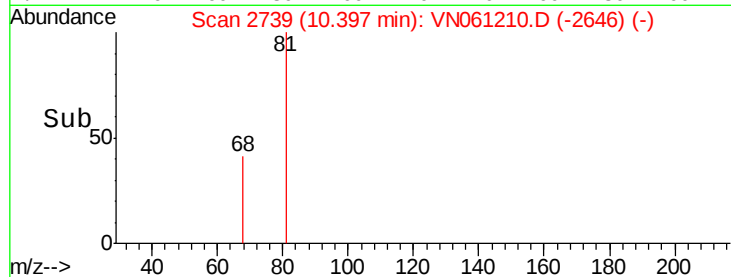
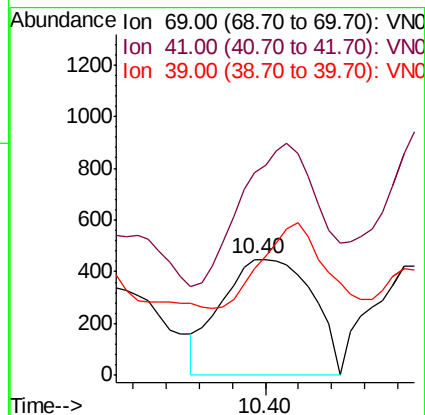
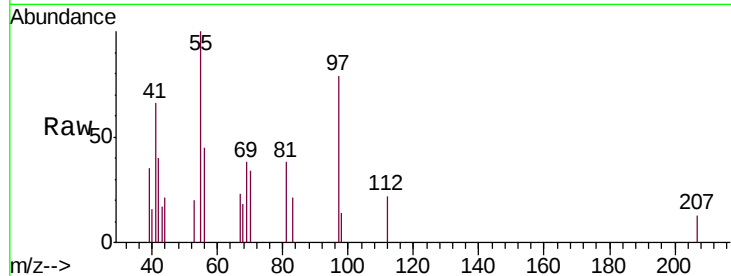
Tgt Ion: 69 Resp: 856

Ion Ratio Lower Upper

69 100

41 115.0 60.3 90.5#

39 54.7 35.9 53.9#



#58

2-Chloroethyl Vinyl ether

Concen: 0.283 ug/l

RT: 9.64 min Scan# 2504

Delta R.T. -0.02 min

Lab File: VN061210.D

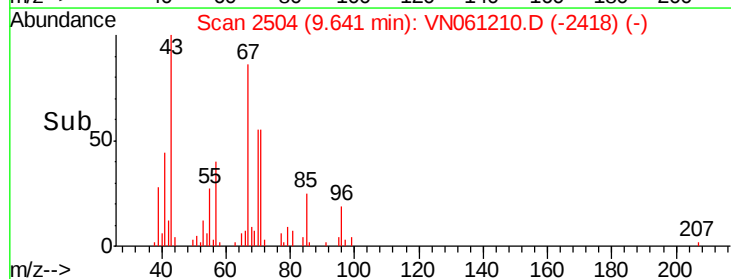
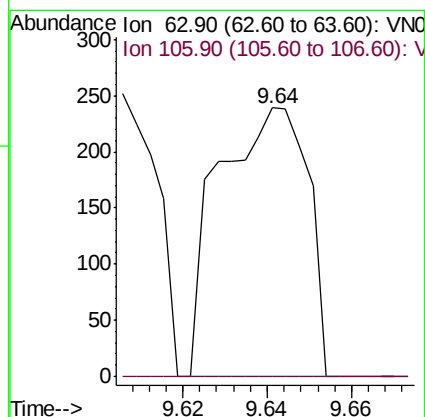
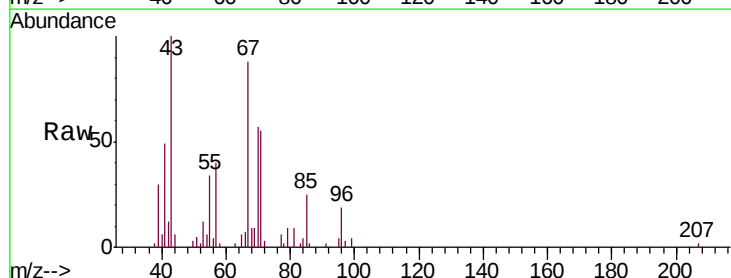
Acq: 30 Apr 2020 18:38

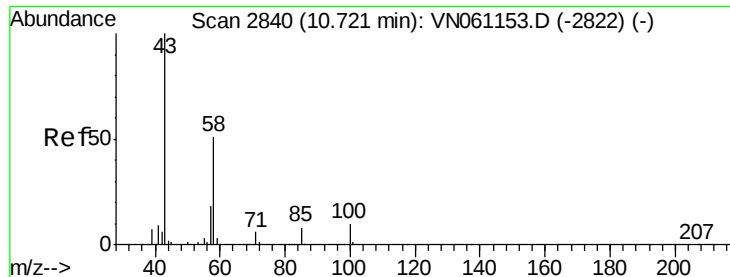
Tgt Ion: 63 Resp: 350

Ion Ratio Lower Upper

63 100

106 0.0 20.6 30.8#

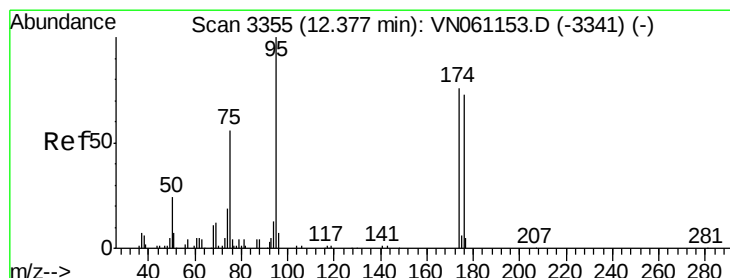
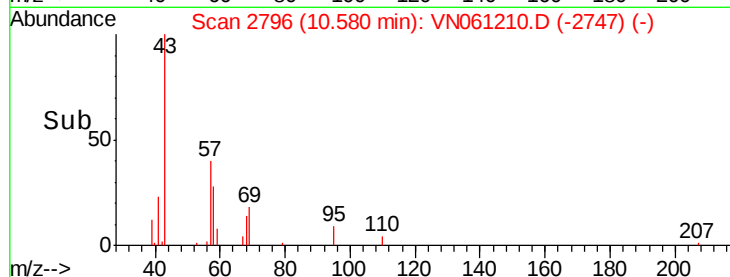
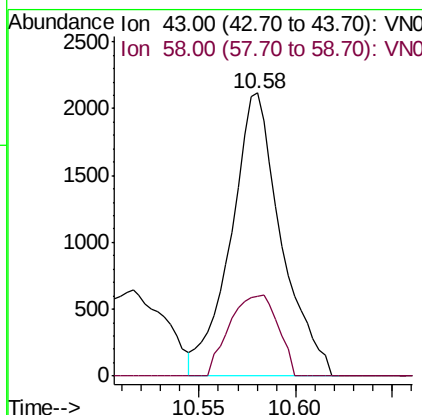
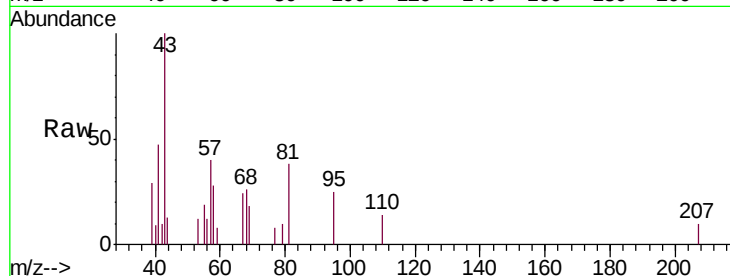




#59
2-Hexanone
Concen: 2.147 ug/l
RT: 10.58 min Scan# 2796
Delta R.T. -0.14 min
Lab File: VN061210.D
Acq: 30 Apr 2020 18:38

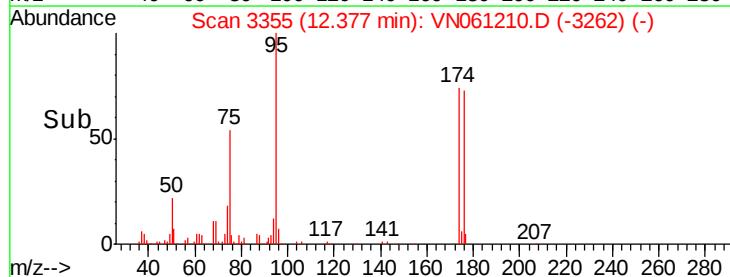
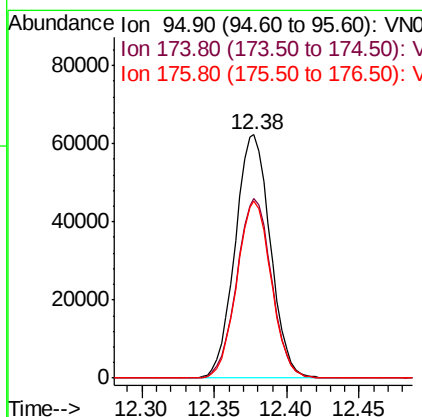
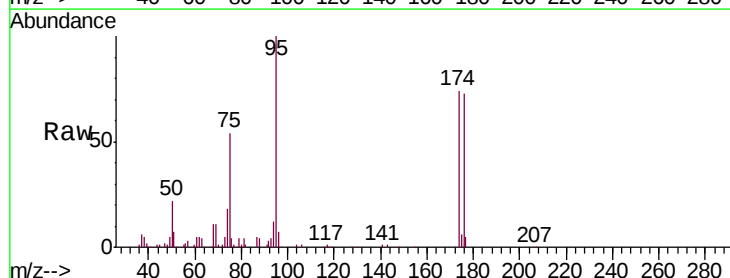
Instrument :
MSVOA_N
ClientSampled :
MW-2

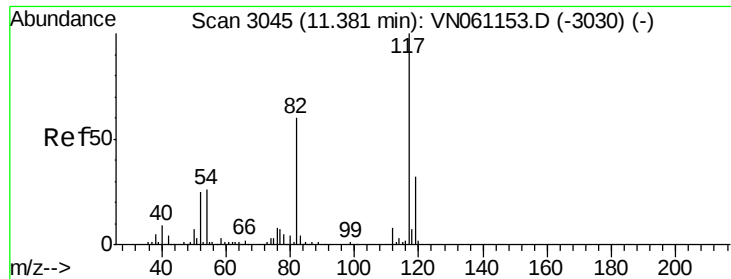
Tgt Ion: 43 Resp: 3826
Ion Ratio Lower Upper
43 100
58 27.5 25.4 76.4



#62
4-Bromofluorobenzene
Concen: 54.229 ug/l
RT: 12.38 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VN061210.D
Acq: 30 Apr 2020 18:38

Tgt Ion: 95 Resp: 105082
Ion Ratio Lower Upper
95 100
174 73.1 0.0 149.4
176 71.3 0.0 144.8

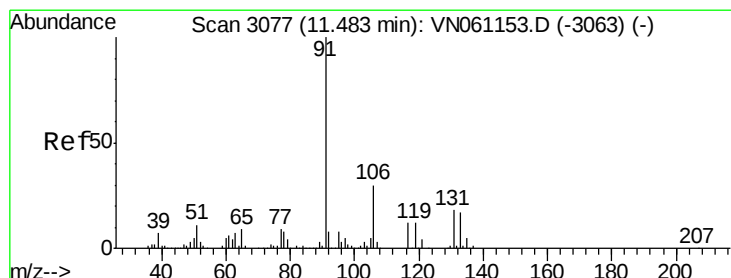
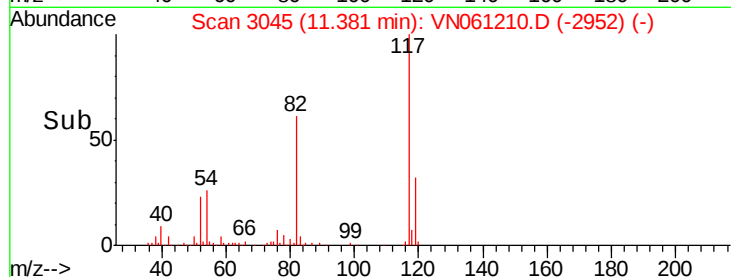
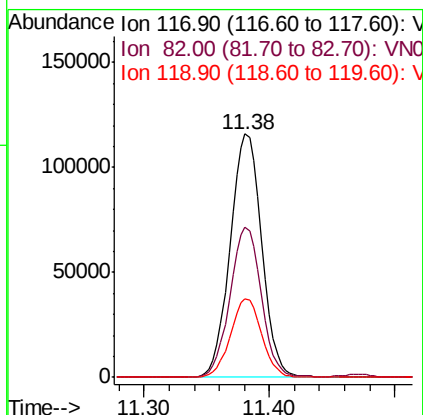
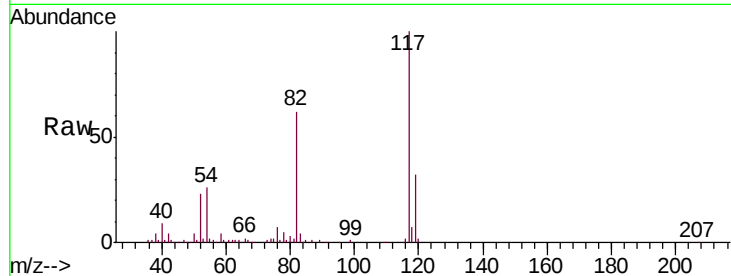




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061210.D
Acq: 30 Apr 2020 18:38

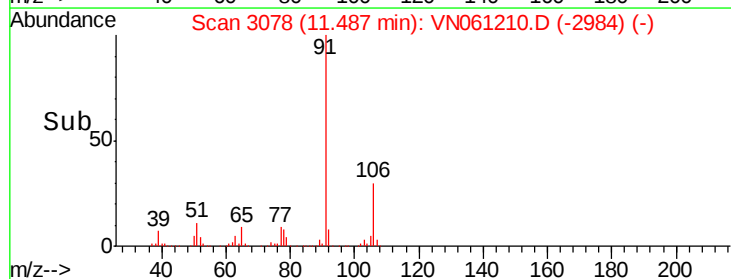
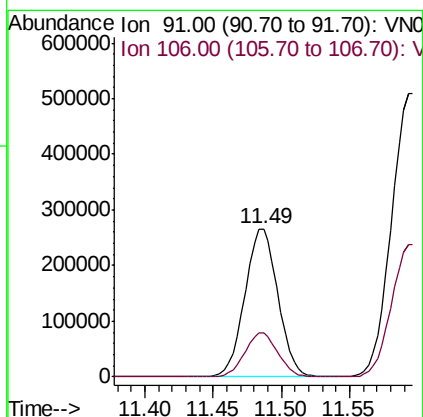
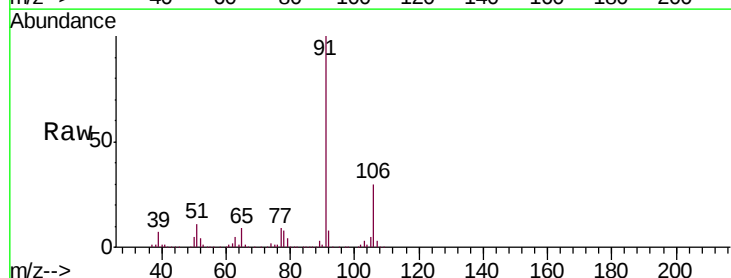
Instrument :
MSVOA_N
ClientSampleId :
MW-2

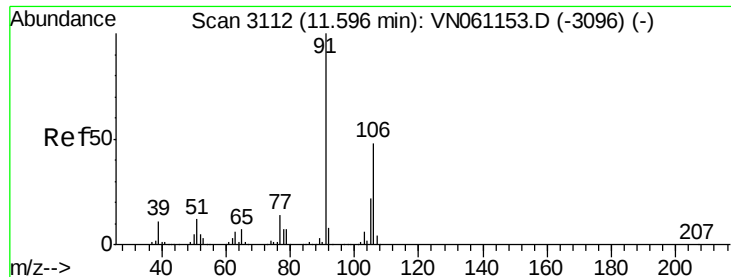
Tgt Ion: 117 Resp: 202269
Ion Ratio Lower Upper
117 100
82 61.5 47.8 71.8
119 32.3 25.8 38.6



#67
Ethyl Benzene
Concen: 59.615 ug/l
RT: 11.49 min Scan# 3078
Delta R.T. 0.00 min
Lab File: VN061210.D
Acq: 30 Apr 2020 18:38

Tgt Ion: 91 Resp: 447771
Ion Ratio Lower Upper
91 100
106 29.6 23.8 35.6

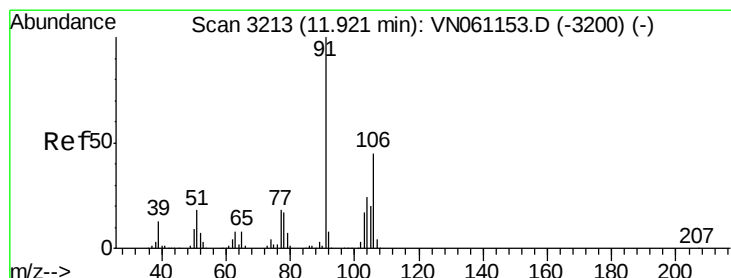
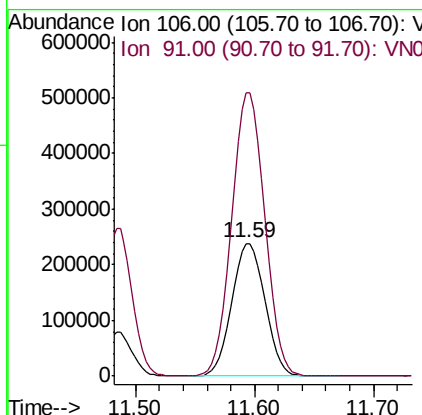
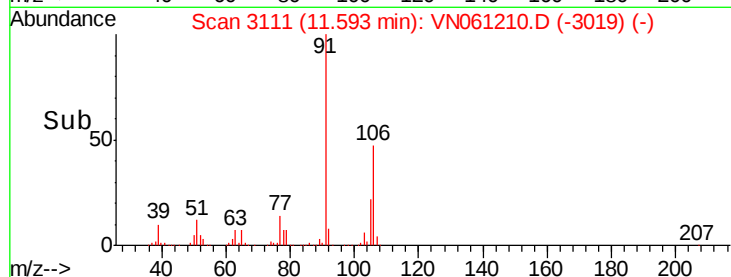
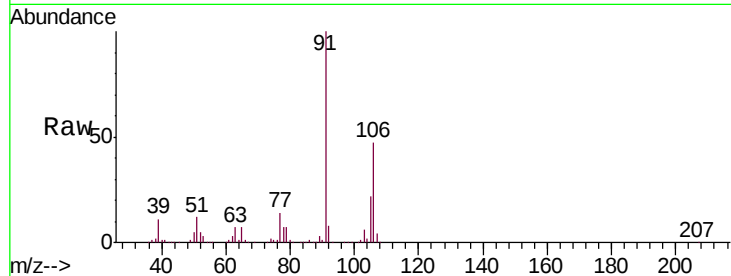




#68
m/p-Xylenes
Concen: 167.335 ug/l
RT: 11.59 min Scan# 3111
Delta R.T. -0.00 min
Lab File: VN061210.D
Acq: 30 Apr 2020 18:38

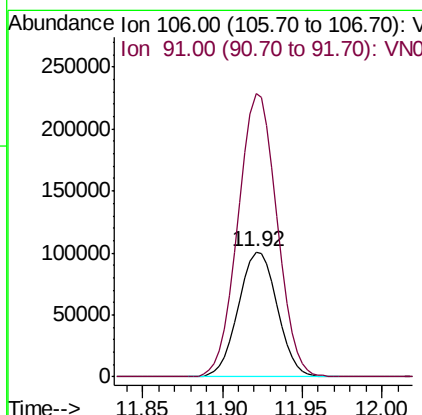
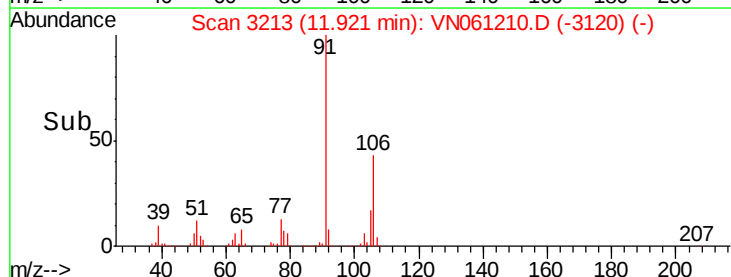
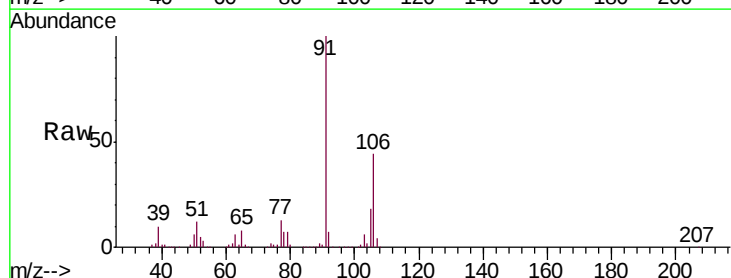
Instrument :
MSVOA_N
ClientSampled :
MW-2

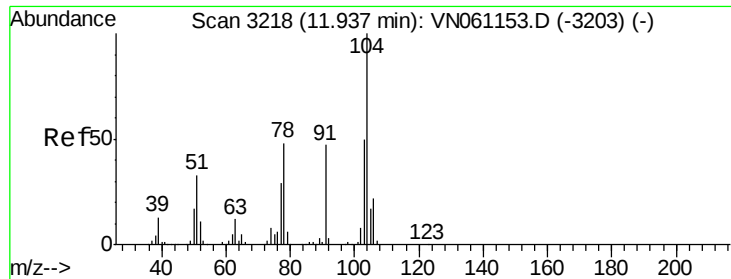
Tgt Ion:106 Resp: 460049
Ion Ratio Lower Upper
106 100
91 212.7 166.4 249.6



#69
o-Xylene
Concen: 63.373 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061210.D
Acq: 30 Apr 2020 18:38

Tgt Ion:106 Resp: 167358
Ion Ratio Lower Upper
106 100
91 226.7 109.7 329.0

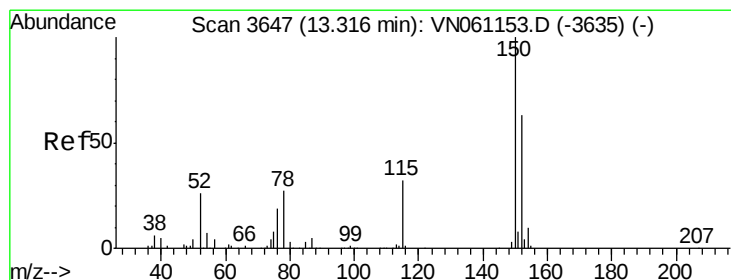
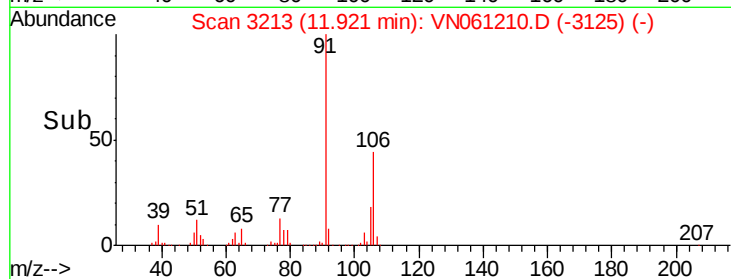
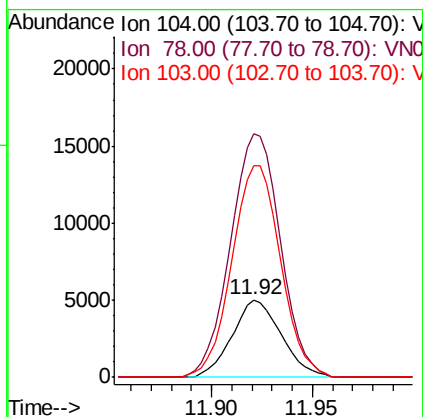
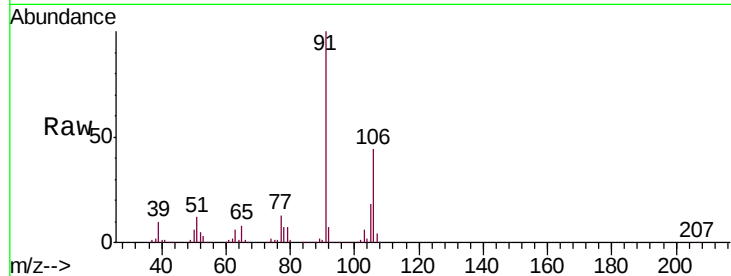




#70
Styrene
Concen: 1.934 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. -0.02 min
Lab File: VN061210.D
Acq: 30 Apr 2020 18:38

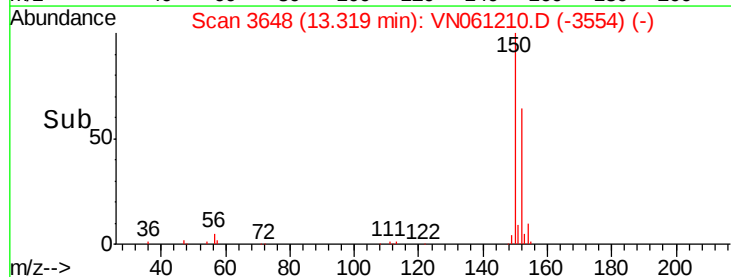
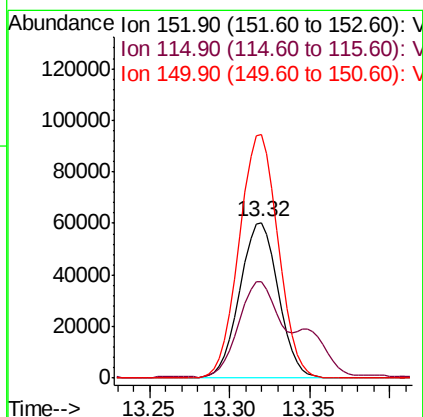
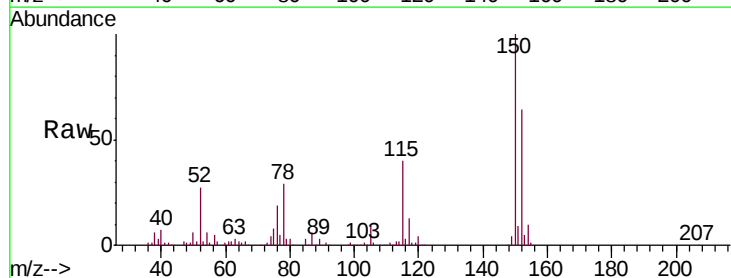
Instrument :
MSVOA_N
ClientSampleId :
MW-2

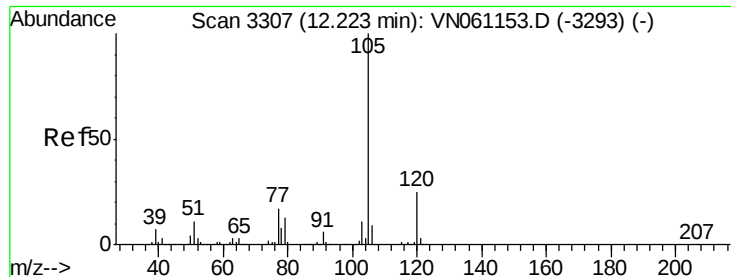
Tgt Ion:104 Resp: 8550
Ion Ratio Lower Upper
104 100
78 319.8 42.1 63.1#
103 271.9 43.3 64.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3648
Delta R.T. 0.00 min
Lab File: VN061210.D
Acq: 30 Apr 2020 18:38

Tgt Ion:152 Resp: 99313
Ion Ratio Lower Upper
152 100
115 65.6 31.0 93.0
150 158.6 0.0 351.8





#73

Isopropylbenzene

Concen: 32.507 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061210.D

Acq: 30 Apr 2020 18:38

Instrument :

MSVOA_N

ClientSampleId :

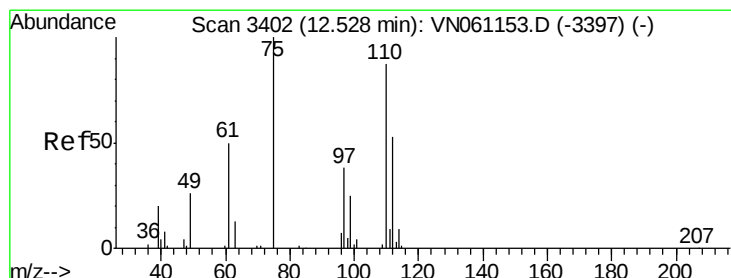
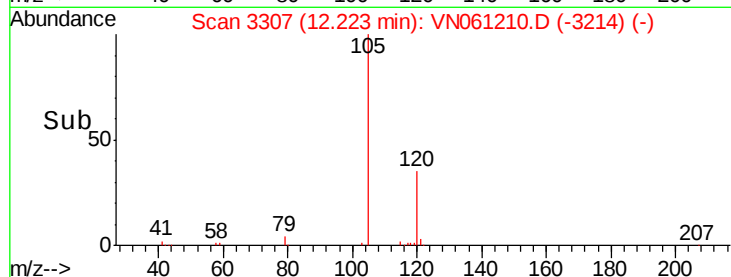
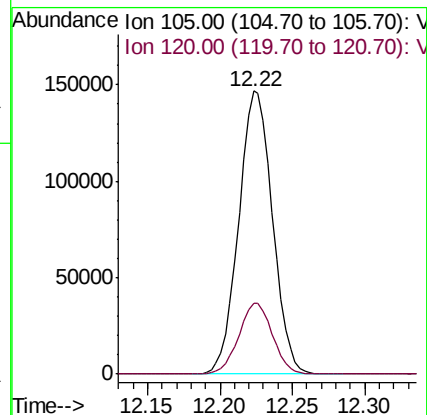
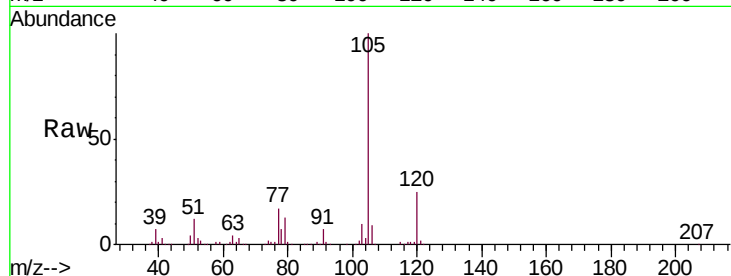
MW-2

Tgt Ion:105 Resp: 237331

Ion Ratio Lower Upper

105 100

120 25.1 12.6 37.8



#76

1,2,3-Trichloropropane

Concen: 2.543 ug/l

RT: 12.56 min Scan# 3413

Delta R.T. 0.04 min

Lab File: VN061210.D

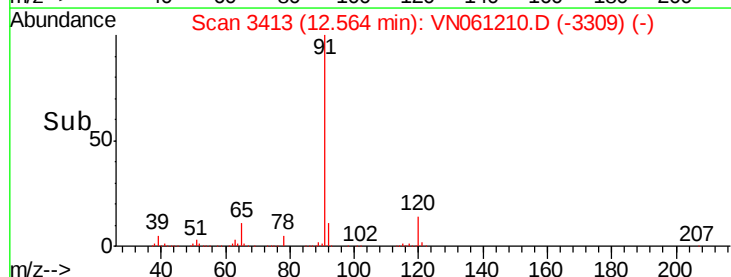
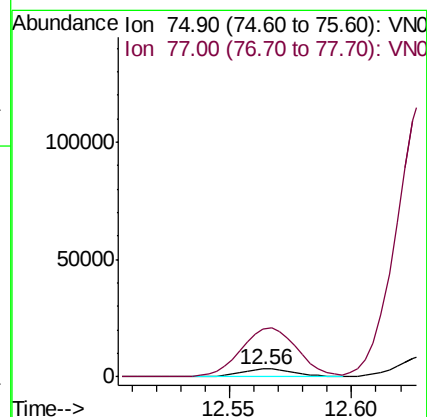
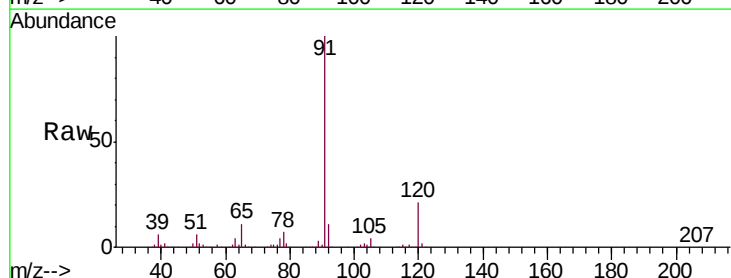
Acq: 30 Apr 2020 18:38

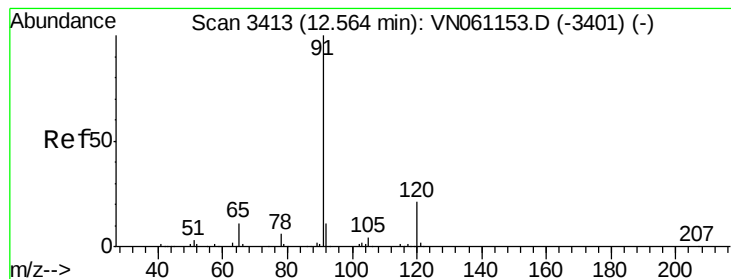
Tgt Ion: 75 Resp: 5324

Ion Ratio Lower Upper

75 100

77 634.1 0.0 0.0#





#78

n-propylbenzene

Concen: 94.520 ug/l

RT: 12.57 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN061210.D

Acq: 30 Apr 2020 18:38

Instrument :

MSVOA_N

ClientSampled :

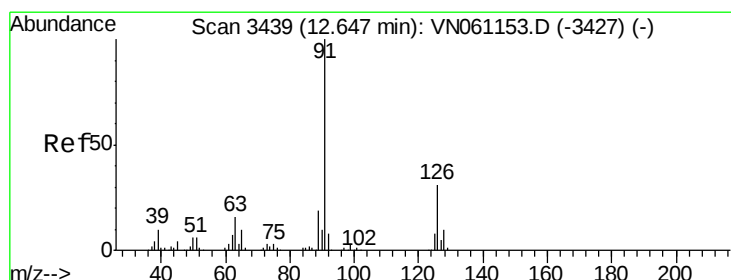
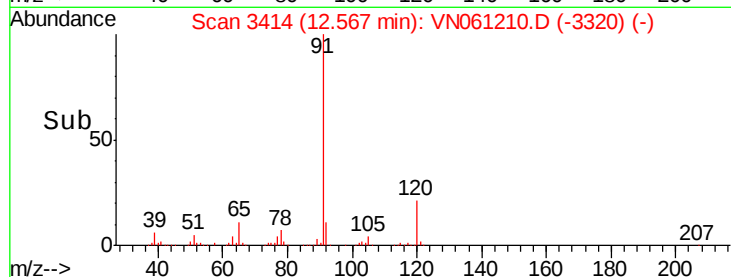
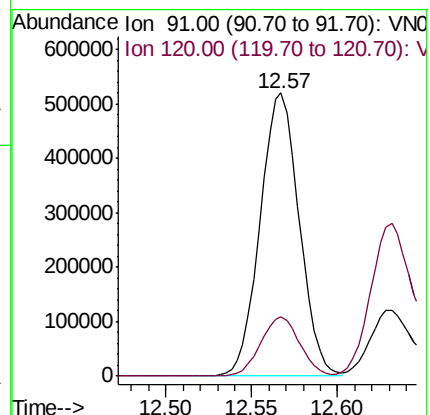
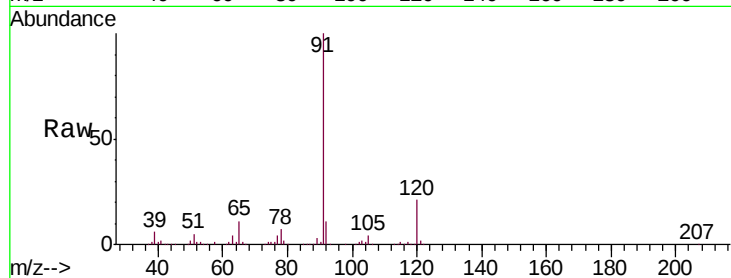
MW-2

Tgt Ion: 91 Resp: 818523

Ion Ratio Lower Upper

91 100

120 20.9 10.8 32.3



#79

2-Chlorotoluene

Concen: 39.702 ug/l

RT: 12.63 min Scan# 3434

Delta R.T. -0.02 min

Lab File: VN061210.D

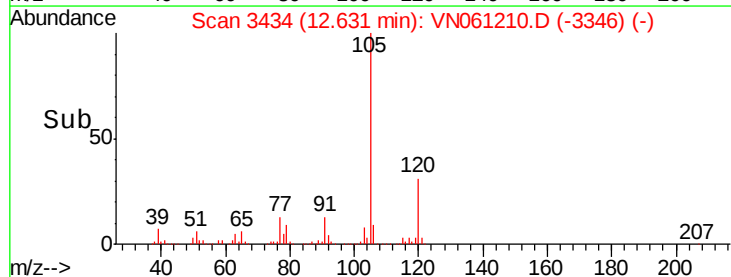
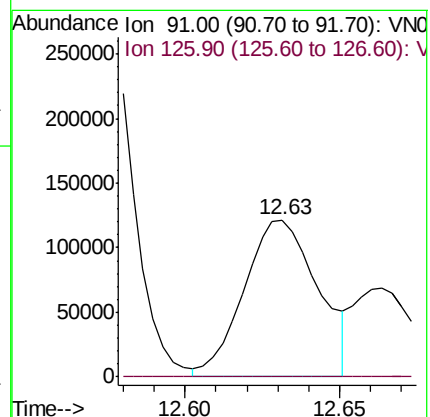
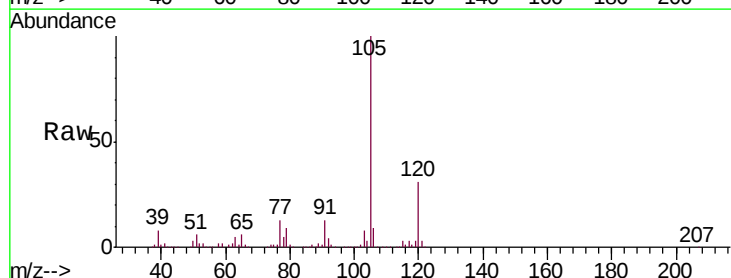
Acq: 30 Apr 2020 18:38

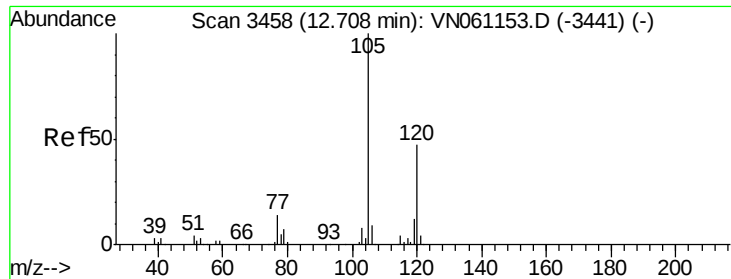
Tgt Ion: 91 Resp: 202081

Ion Ratio Lower Upper

91 100

126 0.0 15.9 47.7#

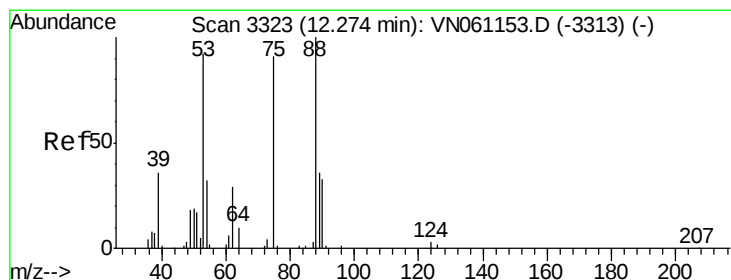
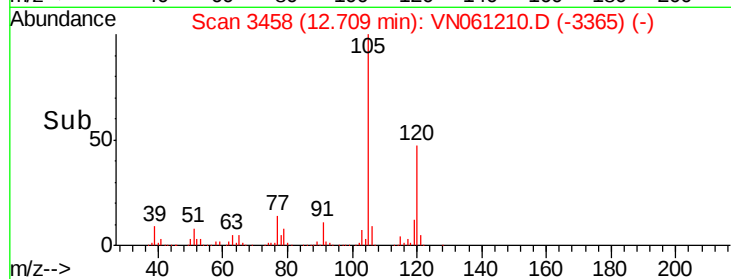
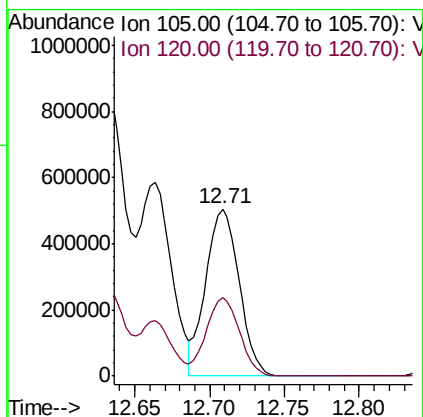
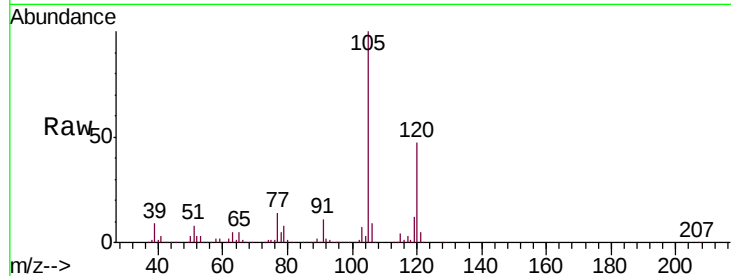




#80
 1,3,5-Trimethylbenzene
 Concen: 130.352 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN061210.D
 Acq: 30 Apr 2020 18:38

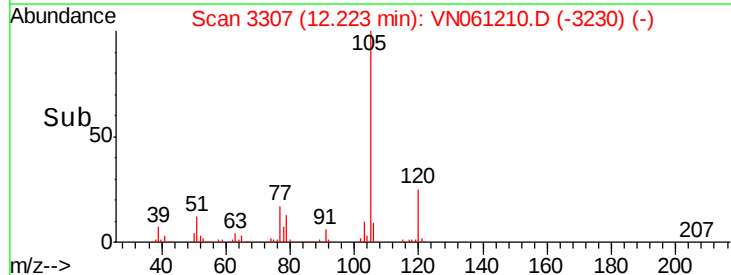
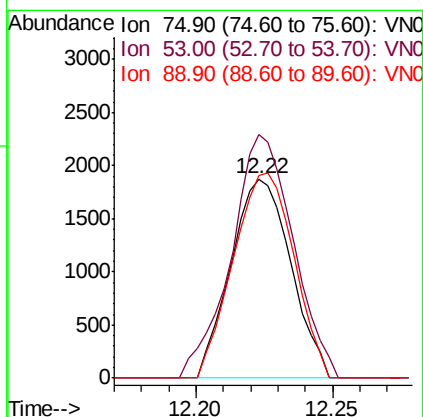
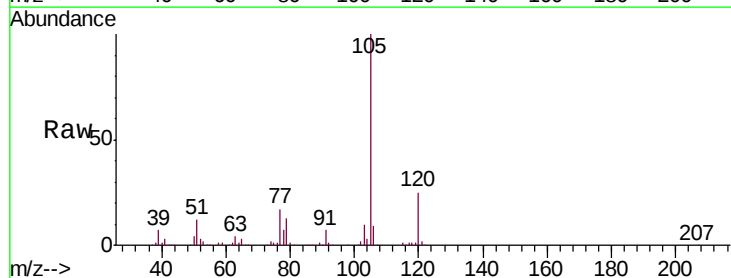
Instrument :
 MSVOA_N
 ClientSampled :
 MW-2

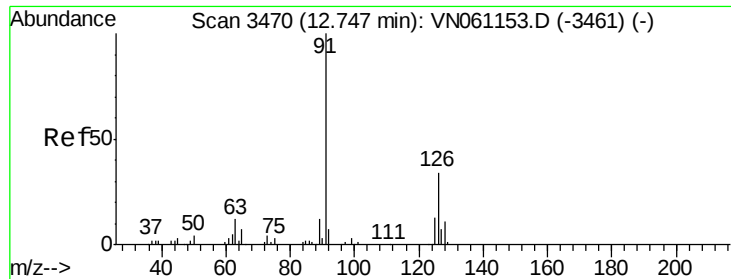
Tgt Ion:105 Resp: 787680
 Ion Ratio Lower Upper
 105 100
 120 46.9 23.9 71.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 3.454 ug/l
 RT: 12.22 min Scan# 3307
 Delta R.T. -0.05 min
 Lab File: VN061210.D
 Acq: 30 Apr 2020 18:38

Tgt Ion: 75 Resp: 2848
 Ion Ratio Lower Upper
 75 100
 53 126.7 84.1 126.1#
 89 104.5 35.2 52.8#





#82

4-Chlorotoluene

Concen: 15.916 ug/l

RT: 12.71 min Scan# 3458

Delta R.T. -0.04 min

Lab File: VN061210.D

Acq: 30 Apr 2020 18:38

Instrument :

MSVOA_N

ClientSampleId :

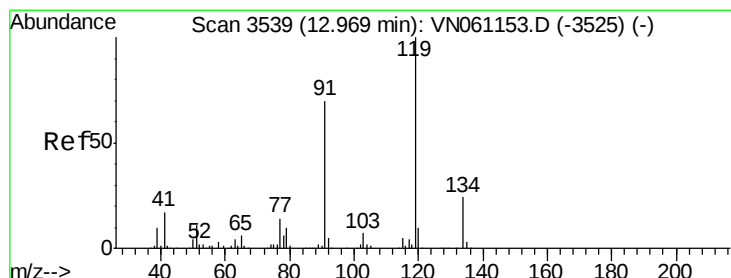
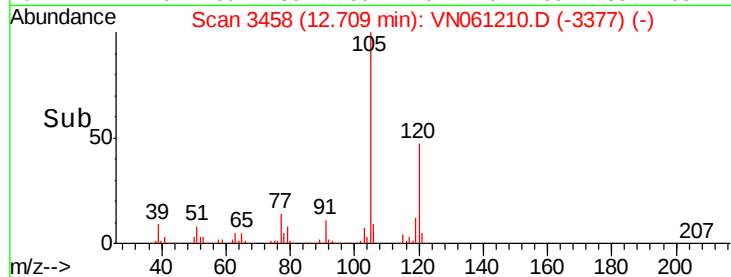
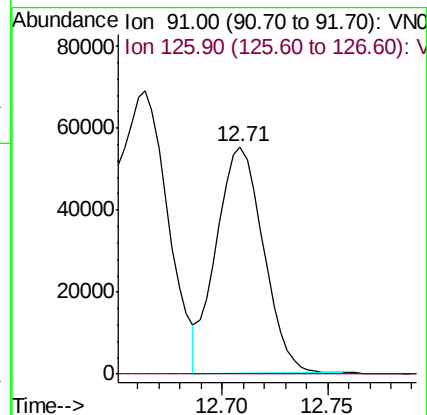
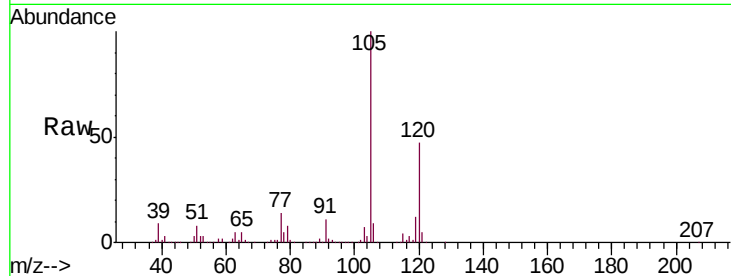
MW-2

Tgt Ion: 91 Resp: 85386

Ion Ratio Lower Upper

91 100

126 0.0 15.7 47.1#



#83

tert-Butylbenzene

Concen: 76.244 ug/l

RT: 13.01 min Scan# 3553

Delta R.T. 0.05 min

Lab File: VN061210.D

Acq: 30 Apr 2020 18:38

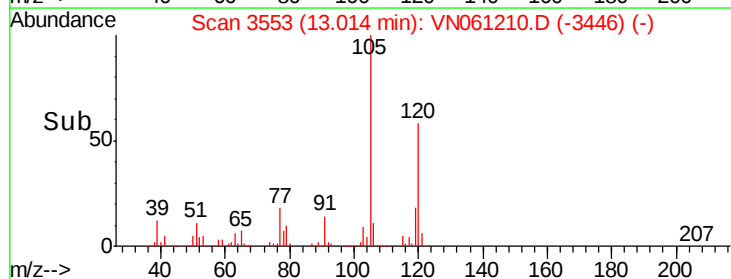
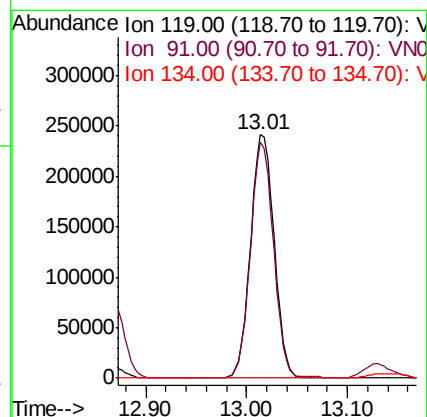
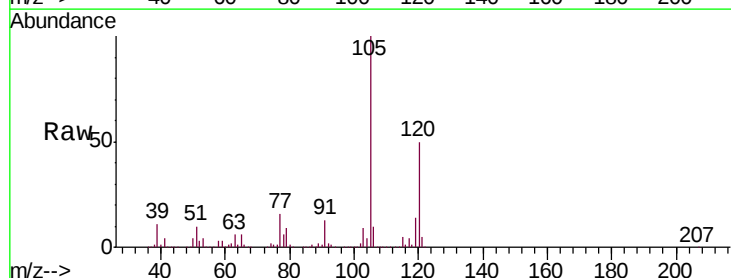
Tgt Ion: 119 Resp: 388485

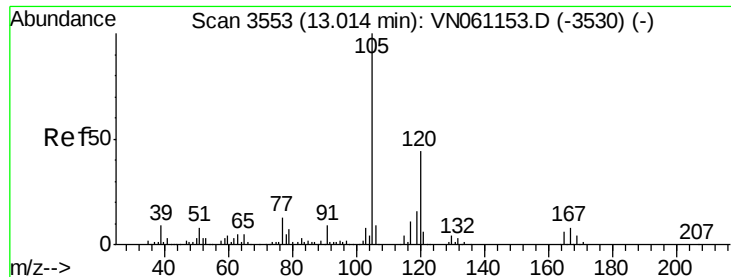
Ion Ratio Lower Upper

119 100

91 94.8 34.8 104.4

134 0.0 12.9 38.7#

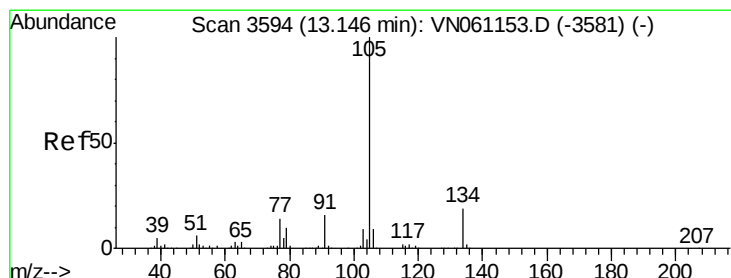
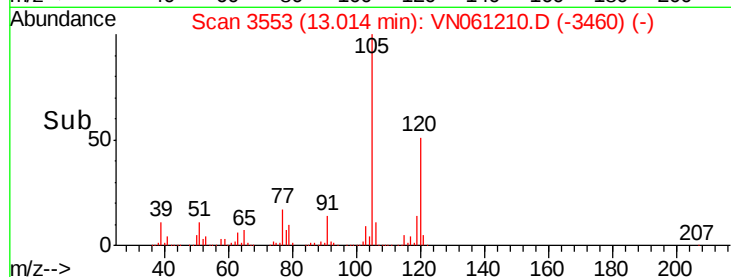
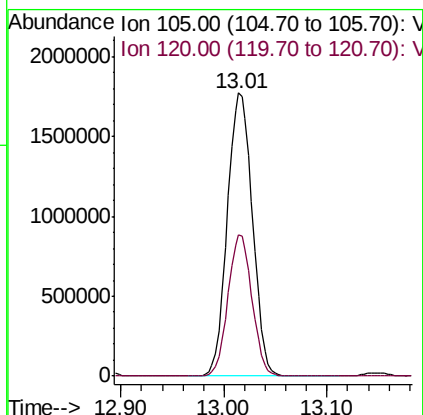
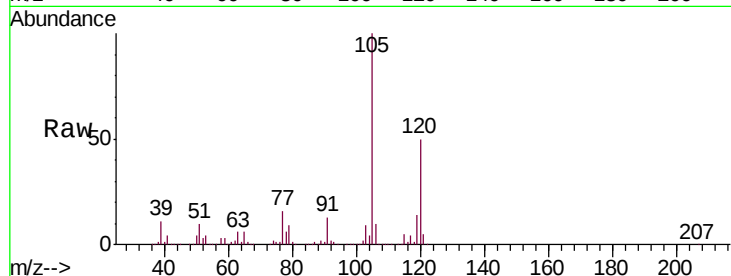




#84
 1,2,4-Trimethylbenzene
 Concen: 482.850 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061210.D
 Acq: 30 Apr 2020 18:38

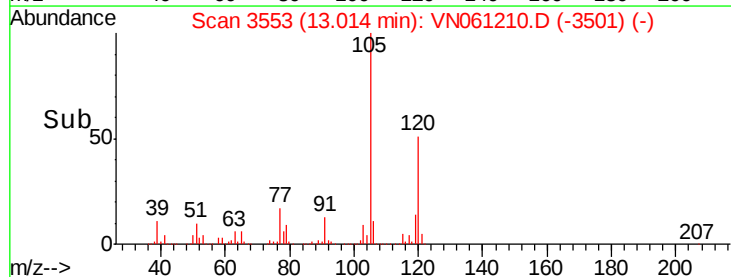
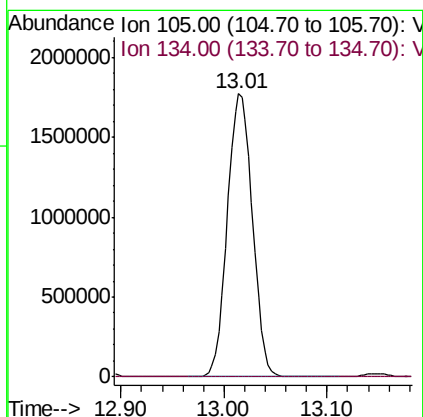
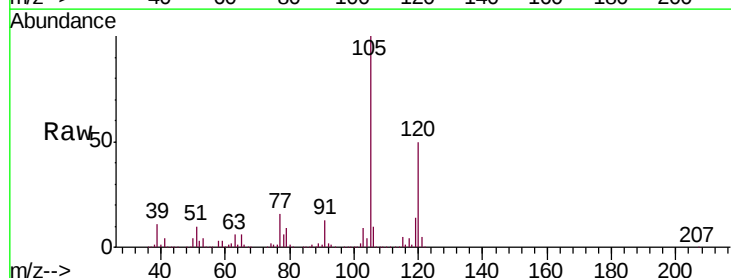
Instrument :
 MSVOA_N
 ClientSampled :
 MW-2

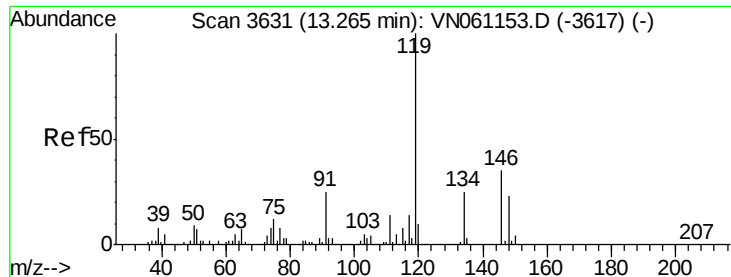
Tgt Ion:105 Resp: 3006055
 Ion Ratio Lower Upper
 105 100
 120 47.6 22.2 66.6



#85
 sec-Butylbenzene
 Concen: 432.727 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. -0.13 min
 Lab File: VN061210.D
 Acq: 30 Apr 2020 18:38

Tgt Ion:105 Resp: 3006055
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.6 28.8#

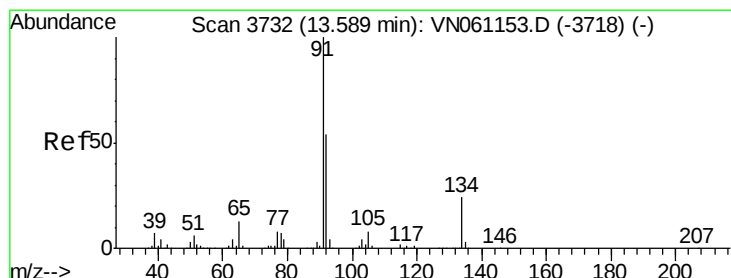
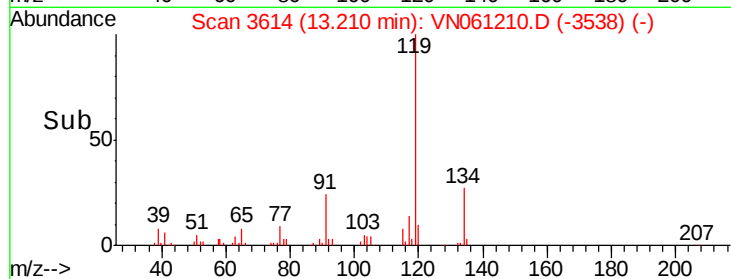
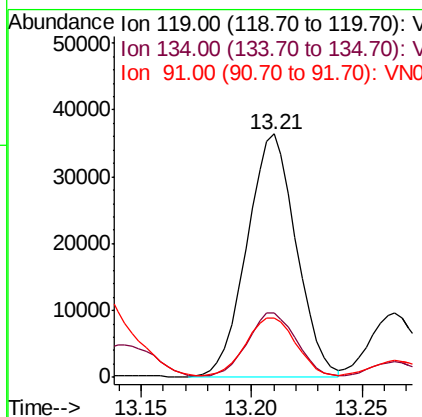
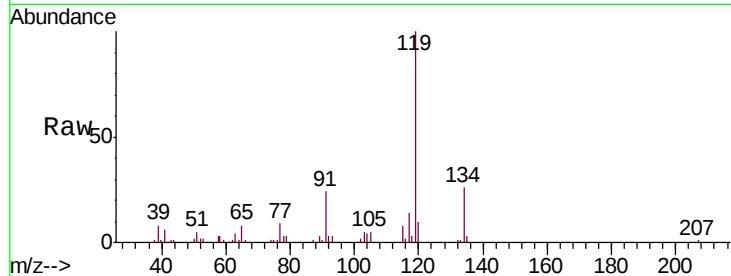




#86
 p-Isopropyltoluene
 Concen: 9.064 ug/l
 RT: 13.21 min Scan# 3614
 Delta R.T. -0.05 min
 Lab File: VN061210.D
 Acq: 30 Apr 2020 18:38

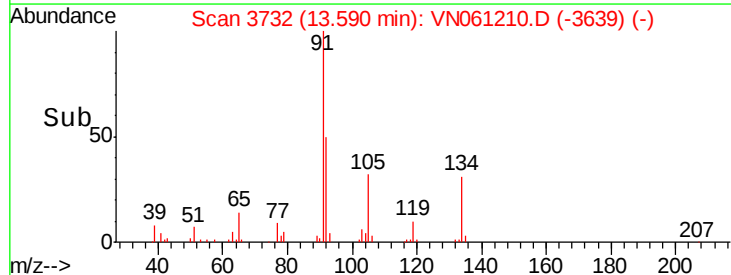
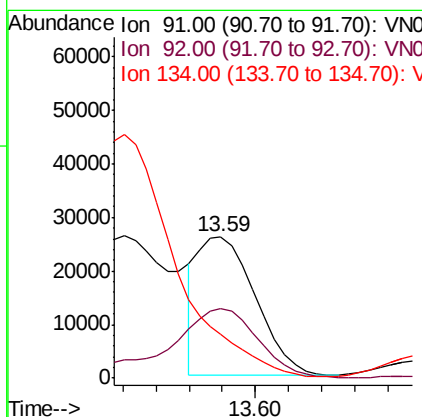
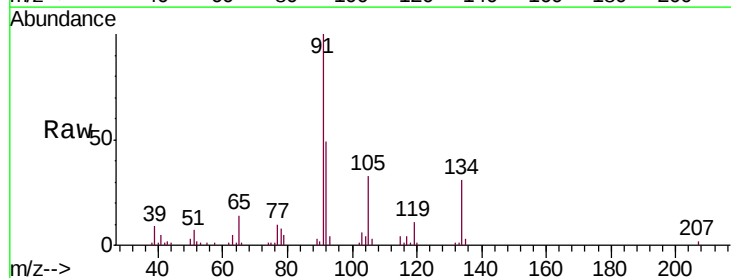
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

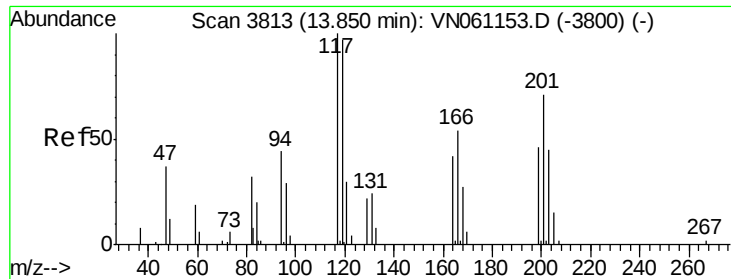
Tgt Ion: 119 Resp: 56730
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.6 37.6
 91 23.7 12.7 38.0



#89
 n-Butylbenzene
 Concen: 5.383 ug/l
 RT: 13.59 min Scan# 3732
 Delta R.T. 0.00 min
 Lab File: VN061210.D
 Acq: 30 Apr 2020 18:38

Tgt Ion: 91 Resp: 30887
 Ion Ratio Lower Upper
 91 100
 92 80.6 26.8 80.3#
 134 0.0 11.9 35.5#





#90

Hexachloroethane

Concen: 42.599 ug/l

RT: 13.86 min Scan# 3817

Delta R.T. 0.01 min

Lab File: VN061210.D

Acq: 30 Apr 2020 18:38

Instrument :

MSVOA_N

ClientSampled :

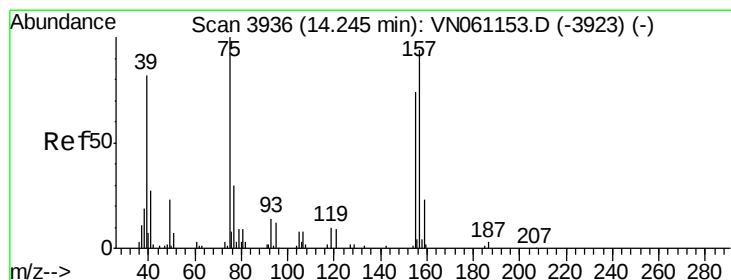
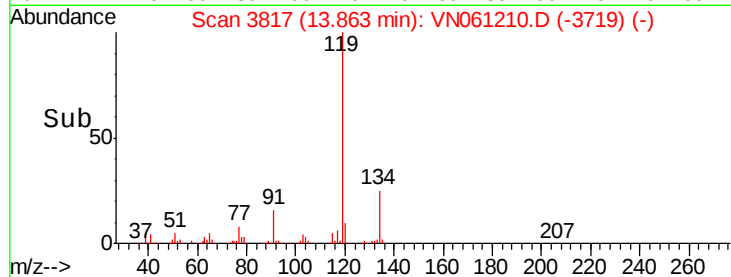
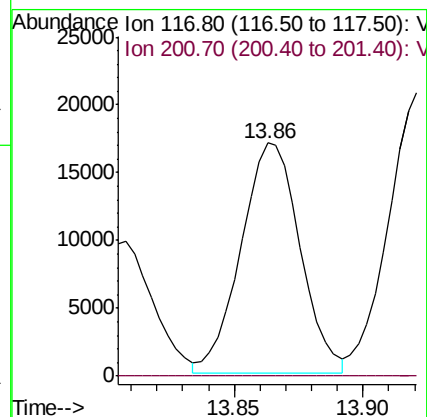
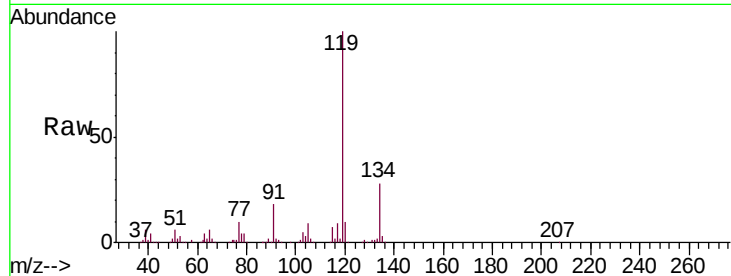
MW-2

Tgt Ion:117 Resp: 26941

Ion Ratio Lower Upper

117 100

201 0.0 35.5 106.7#



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.854 ug/l

RT: 14.22 min Scan# 3929

Delta R.T. -0.02 min

Lab File: VN061210.D

Acq: 30 Apr 2020 18:38

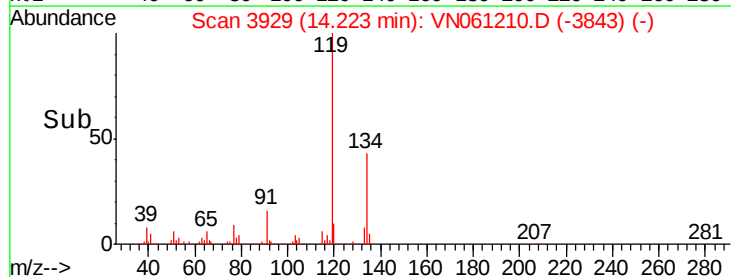
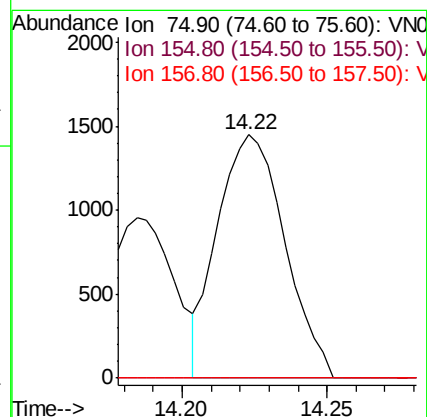
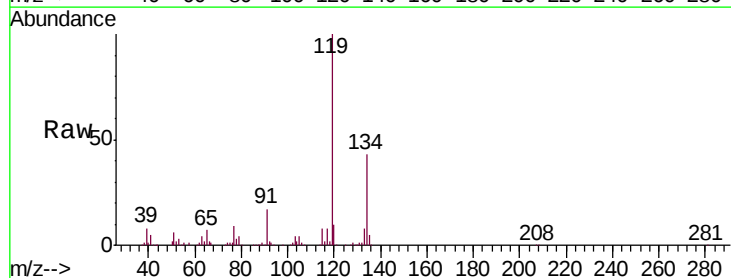
Tgt Ion: 75 Resp: 2334

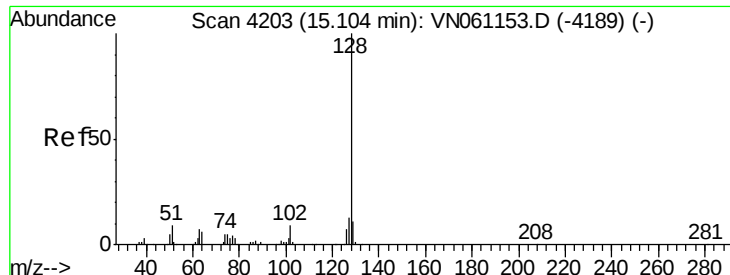
Ion Ratio Lower Upper

75 100

155 0.0 36.5 109.7#

157 0.0 46.6 139.7#





#95

Naphthalene

Concen: 46.506 ug/l

RT: 15.10 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN061210.D

Acq: 30 Apr 2020 18:38

Instrument :

MSVOA_N

ClientSampleId :

MW-2

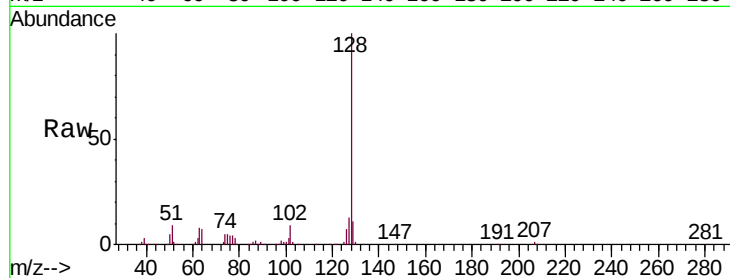
Tgt Ion:128 Resp: 274378

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

